

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111721\
 Data File : VX025185.D
 Acq On : 17 Nov 2021 12:28
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/18/2021
 Supervised By : Mahesh Dadoda 11/18/2021

Quant Time: Nov 17 13:05:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 12:58:04 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	114479	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	183649	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	185914	154.617	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 309.240%#			
35) Dibromofluoromethane	5.391	113	170255	148.991	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 297.980%#			
50) Toluene-d8	8.653	98	653185	151.865	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 303.740%#			
62) 4-Bromofluorobenzene	11.086	95	258361	159.826	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 319.660%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	157182	145.813	ug/l	99
3) Chloromethane	1.288	50	184606	143.308	ug/l	99
4) Vinyl Chloride	1.374	62	199787	139.804	ug/l	99
5) Bromomethane	1.593	94	77524	113.656	ug/l	100
6) Chloroethane	1.666	64	125730	133.372	ug/l	99
7) Trichlorofluoromethane	1.874	101	291225	136.641	ug/l	97
8) Diethyl Ether	2.136	74	122655	142.075	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	150921	136.066	ug/l	97
10) Methyl Iodide	2.447	142	217393	157.649	ug/l	92
11) Tert butyl alcohol	2.989	59	220823	665.030	ug/l	98
12) 1,1-Dichloroethene	2.313	96	155395	141.438	ug/l	89
13) Acrolein	2.240	56	39723	646.288	ug/l	98
14) Allyl chloride	2.660	41	275916	143.244	ug/l	93
15) Acrylonitrile	3.069	53	495190	734.975	ug/l	98
16) Acetone	2.386	43	471039	672.387	ug/l	94
17) Carbon Disulfide	2.508	76	432675	140.360	ug/l	99
18) Methyl Acetate	2.703	43	309162	140.982	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	555847	147.142	ug/l	99
20) Methylene Chloride	2.788	84	180278	141.482	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	172784	143.893	ug/l	89
22) Diisopropyl ether	3.764	45	570364	150.890	ug/l	98
23) Vinyl Acetate	3.727	43	2308903	762.122	ug/l	96
24) 1,1-Dichloroethane	3.611	63	302204	146.284	ug/l	97
25) 2-Butanone	4.562	43	721242	705.401	ug/l	99
26) 2,2-Dichloropropane	4.477	77	264265	139.171	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	204384	146.022	ug/l	90
28) Bromochloromethane	4.904	49	141649	147.901	ug/l	95
29) Tetrahydrofuran	5.007	42	450353	727.869	ug/l	99
30) Chloroform	5.099	83	311092	145.250	ug/l	97
31) Cyclohexane	5.471	56	264894	137.470	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	273930	140.929	ug/l	97
36) 1,1-Dichloropropene	5.696	75	228909	139.388	ug/l	98
37) Ethyl Acetate	4.721	43	268571	138.585	ug/l	99
38) Carbon Tetrachloride	5.678	117	246435	134.935	ug/l	97
39) Methylcyclohexane	7.385	83	283512	130.654	ug/l	94
40) Benzene	6.038	78	707009	141.648	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111721\
 Data File : VX025185.D
 Acq On : 17 Nov 2021 12:28
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Nov 17 13:05:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 12:58:04 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/18/2021
 Supervised By : Mahesh Dadoda 11/18/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	145886	136.185	ug/l	97
42) 1,2-Dichloroethane	6.093	62	232814	144.990	ug/l	92
43) Isopropyl Acetate	6.349	43	454133	143.297	ug/l	97
44) Trichloroethene	7.129	130	202695	140.446	ug/l	92
45) 1,2-Dichloropropane	7.434	63	180749	145.377	ug/l	99
46) Dibromomethane	7.586	93	128344	143.513	ug/l	93
47) Bromodichloromethane	7.824	83	257767	147.446	ug/l	97
48) Methyl methacrylate	7.696	41	211355	143.824	ug/l	95
49) 1,4-Dioxane	7.665	88	88409	2748.836	ug/l	94
51) 4-Methyl-2-Pentanone	8.580	43	1518148	758.395	ug/l	98
52) Toluene	8.720	92	474684	144.879	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	303458	154.295	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	314772	150.700	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	196708	148.346	ug/l	98
56) Ethyl methacrylate	9.122	69	328476	156.801	ug/l	95
57) 1,3-Dichloropropane	9.311	76	319806	149.850	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.251	63	806704	849.769	ug/l	97
59) 2-Hexanone	9.439	43	1184742	757.353	ug/l	96
60) Dibromochloromethane	9.525	129	227305	152.788	ug/l	99
61) 1,2-Dibromoethane	9.616	107	211334	151.502	ug/l	99
64) Tetrachloroethene	9.275	164	190544	124.730	ug/l	95
65) Chlorobenzene	10.080	112	535064	142.190	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	206024	140.784	ug/l	99
67) Ethyl Benzene	10.195	91	915259	139.262	ug/l	97
68) m/p-Xylenes	10.305	106	756302	285.605	ug/l	93
69) o-Xylene	10.647	106	374315	142.611	ug/l	91
70) Styrene	10.659	104	646025	149.189	ug/l	97
71) Bromoform	10.805	173	184155	145.254	ug/l #	99
73) Isopropylbenzene	10.964	105	941300	134.349	ug/l	98
74) N-amyl acetate	10.848	43	445677	146.080	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	312488	138.564	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	271618m	135.149	ug/l	
77) Bromobenzene	11.201	156	247861	136.341	ug/l	95
78) n-propylbenzene	11.305	91	1105572	140.110	ug/l	98
79) 2-Chlorotoluene	11.366	91	654340	137.299	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	815580	138.831	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.025	75	117721	144.553	ug/l	87
82) 4-Chlorotoluene	11.457	91	781134	142.059	ug/l	97
83) tert-Butylbenzene	11.720	119	799838	133.821	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	802774	136.222	ug/l	95
85) sec-Butylbenzene	11.896	105	998550	135.951	ug/l	98
86) p-Isopropyltoluene	12.012	119	861219	137.846	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	465685	139.590	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	469792	140.092	ug/l	97
89) n-Butylbenzene	12.335	91	757404	143.944	ug/l	97
90) Hexachloroethane	12.543	117	161246	142.680	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	454969	140.801	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	67724	143.199	ug/l	81
93) 1,2,4-Trichlorobenzene	13.591	180	288208	153.406	ug/l	98
94) Hexachlorobutadiene	13.725	225	115189	128.629	ug/l	98
95) Naphthalene	13.780	128	955820	162.764	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	286711	155.782	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111721\
Data File : VX025185.D
Acq On : 17 Nov 2021 12:28
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

Quant Time: Nov 17 13:05:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 12:58:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

