

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103122\
 Data File : VX032499.D
 Acq On : 31 Oct 2022 19:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/01/2022
 Supervised By : Mahesh Dadoda 11/01/2022

Quant Time: Nov 01 05:17:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	119288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	187010	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	172346	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93212	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82654	49.867	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.740%		
35) Dibromofluoromethane	5.385	113	65001	48.728	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.460%		
50) Toluene-d8	8.653	98	230415	49.675	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.340%		
62) 4-Bromofluorobenzene	11.079	95	92315	50.949	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.900%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	71428	51.917	ug/l	99
3) Chloromethane	1.295	50	57545	49.458	ug/l	99
4) Vinyl Chloride	1.374	62	64297	50.212	ug/l	100
5) Bromomethane	1.612	94	59684	58.324	ug/l	97
6) Chloroethane	1.685	64	41739	48.587	ug/l	99
7) Trichlorofluoromethane	1.886	101	121627	50.128	ug/l	99
8) Diethyl Ether	2.136	74	39079	49.701	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	63883	49.885	ug/l	100
10) Methyl Iodide	2.453	142	79745	55.756	ug/l	100
11) Tert butyl alcohol	2.977	59	54640	226.493	ug/l	98
12) 1,1-Dichloroethene	2.319	96	59050	49.361	ug/l	96
13) Acrolein	2.239	56	70388	292.266	ug/l	99
14) Allyl chloride	2.666	41	95138	49.889	ug/l	98
15) Acrylonitrile	3.063	53	153296	234.140	ug/l	99
16) Acetone	2.380	43	135475	224.886	ug/l	100
17) Carbon Disulfide	2.514	76	137065	48.103	ug/l	100
18) Methyl Acetate	2.703	43	95886	48.947	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	209519	49.831	ug/l	100
20) Methylene Chloride	2.794	84	65829	47.660	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	63806	49.000	ug/l	99
22) Diisopropyl ether	3.757	45	204085	49.477	ug/l #	86
23) Vinyl Acetate	3.721	43	820555	246.227	ug/l	99
24) 1,1-Dichloroethane	3.611	63	117446	49.501	ug/l	99
25) 2-Butanone	4.556	43	214055	229.350	ug/l	99
26) 2,2-Dichloropropane	4.477	77	91892	48.723	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	76398	50.757	ug/l	99
28) Bromochloromethane	4.898	49	37841	44.777	ug/l	98
29) Tetrahydrofuran	5.007	42	138115	232.072	ug/l	99
30) Chloroform	5.099	83	132249	50.798	ug/l	98
31) Cyclohexane	5.471	56	100352	49.935	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	120612	51.627	ug/l	99
36) 1,1-Dichloropropene	5.696	75	93846	50.520	ug/l	99
37) Ethyl Acetate	4.715	43	88710	45.878	ug/l	98
38) Carbon Tetrachloride	5.684	117	105714	51.309	ug/l	97
39) Methylcyclohexane	7.379	83	108784	49.496	ug/l	98
40) Benzene	6.044	78	263021	50.035	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103122\
 Data File : VX032499.D
 Acq On : 31 Oct 2022 19:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 01 05:17:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/01/2022
 Supervised By : Mahesh Dadoda 11/01/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	50054	50.816	ug/l	97
42) 1,2-Dichloroethane	6.086	62	109747	51.073	ug/l	100
43) Isopropyl Acetate	6.342	43	147281	49.609	ug/l	100
44) Trichloroethene	7.129	130	74393	50.272	ug/l	98
45) 1,2-Dichloropropane	7.428	63	67834	50.270	ug/l	96
46) Dibromomethane	7.586	93	52031	50.278	ug/l	100
47) Bromodichloromethane	7.824	83	101240	51.617	ug/l	100
48) Methyl methacrylate	7.696	41	74619	48.665	ug/l	98
49) 1,4-Dioxane	7.684	88	27939	956.132	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	457234	244.509	ug/l	100
52) Toluene	8.720	92	173933	50.715	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	104524	52.231	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	111118	51.914	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	71565	49.548	ug/l	98
56) Ethyl methacrylate	9.116	69	106309	51.146	ug/l	99
57) 1,3-Dichloropropane	9.311	76	116178	49.809	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	247141	246.934	ug/l	99
59) 2-Hexanone	9.433	43	338395	243.876	ug/l	99
60) Dibromochloromethane	9.525	129	81763	51.827	ug/l	99
61) 1,2-Dibromoethane	9.610	107	78320	51.176	ug/l	99
64) Tetrachloroethene	9.275	164	62888	49.854	ug/l	97
65) Chlorobenzene	10.080	112	190732	49.404	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	75167	51.733	ug/l	98
67) Ethyl Benzene	10.195	91	348736	50.514	ug/l	100
68) m/p-Xylenes	10.305	106	270490	100.900	ug/l	99
69) o-Xylene	10.640	106	132243	50.737	ug/l	100
70) Styrene	10.659	104	222522	51.371	ug/l	99
71) Bromoform	10.799	173	60038	52.262	ug/l #	100
73) Isopropylbenzene	10.964	105	356555	48.273	ug/l	100
74) N-amyl acetate	10.842	43	137227	49.170	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	110870	46.763	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	101006m	48.707	ug/l	
77) Bromobenzene	11.201	156	87631	48.393	ug/l	99
78) n-propylbenzene	11.305	91	411444	48.348	ug/l	100
79) 2-Chlorotoluene	11.366	91	247608	48.584	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	311060	49.275	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	31698	48.639	ug/l	99
82) 4-Chlorotoluene	11.457	91	292204	48.998	ug/l	100
83) tert-Butylbenzene	11.713	119	311246	49.385	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	309644	49.317	ug/l	99
85) sec-Butylbenzene	11.890	105	375572	49.524	ug/l	100
86) p-Isopropyltoluene	12.012	119	321276	49.927	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	167241	48.961	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	168660	47.595	ug/l	99
89) n-Butylbenzene	12.335	91	276164	49.331	ug/l	100
90) Hexachloroethane	12.543	117	53514	50.914	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	164830	48.939	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24979	48.052	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	102856	46.835	ug/l	99
94) Hexachlorobutadiene	13.725	225	42297	46.116	ug/l	99
95) Naphthalene	13.774	128	343881	46.993	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	102228	45.793	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103122\
Data File : VX032499.D
Acq On : 31 Oct 2022 19:36
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

Quant Time: Nov 01 05:17:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration

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

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

