

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101322\
 Data File : VX032123.D
 Acq On : 13 Oct 2022 20:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 14 07:54:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/14/2022
 Supervised By : Mahesh Dadoda 10/14/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	76131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	118029	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	130920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	93844	59.687	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 119.380%			
35) Dibromofluoromethane	5.385	113	70864	53.041	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.080%			
50) Toluene-d8	8.647	98	251795	52.376	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.760%			
62) 4-Bromofluorobenzene	11.079	95	102168	60.114	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 120.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	56700	50.044	ug/l	97
3) Chloromethane	1.288	50	49994	42.138	ug/l	99
4) Vinyl Chloride	1.374	62	61079	44.052	ug/l	100
5) Bromomethane	1.612	94	41925	46.382	ug/l	94
6) Chloroethane	1.685	64	38382	32.530	ug/l	96
7) Trichlorofluoromethane	1.886	101	96117	38.565	ug/l	99
8) Diethyl Ether	2.130	74	35193	41.426	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	46627	37.013	ug/l	94
10) Methyl Iodide	2.447	142	45934	36.616	ug/l	99
11) Tert butyl alcohol	3.002	59	38166	195.106	ug/l #	88
12) 1,1-Dichloroethene	2.319	96	42399	36.563	ug/l	90
13) Acrolein	2.233	56	18324	156.647	ug/l	97
14) Allyl chloride	2.660	41	66678	40.411	ug/l	98
15) Acrylonitrile	3.069	53	129219	207.216	ug/l	98
16) Acetone	2.386	43	102048	190.975	ug/l	96
17) Carbon Disulfide	2.508	76	77571	31.150	ug/l	99
18) Methyl Acetate	2.703	43	75424	42.779	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	162154	41.670	ug/l	95
20) Methylene Chloride	2.788	84	50922	36.264	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	47989	37.369	ug/l	94
22) Diisopropyl ether	3.764	45	160702	43.324	ug/l	95
23) Vinyl Acetate	3.721	43	617138	222.578	ug/l	97
24) 1,1-Dichloroethane	3.611	63	91086	40.965	ug/l	99
25) 2-Butanone	4.562	43	177159	212.086	ug/l	99
26) 2,2-Dichloropropane	4.477	77	62896	39.381	ug/l	94
27) cis-1,2-Dichloroethene	4.495	96	61135	39.786	ug/l	89
28) Bromochloromethane	4.898	49	50519	53.081	ug/l	91
29) Tetrahydrofuran	5.007	42	143227	265.744	ug/l	96
30) Chloroform	5.099	83	132997	53.698	ug/l	99
31) Cyclohexane	5.471	56	91438	48.682	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	115660	54.953	ug/l	99
36) 1,1-Dichloropropene	5.696	75	90128	50.873	ug/l	99
37) Ethyl Acetate	4.715	43	71704	42.990	ug/l	99
38) Carbon Tetrachloride	5.678	117	98454	54.351	ug/l	97
39) Methylcyclohexane	7.379	83	102871	48.680	ug/l	96
40) Benzene	6.044	78	256644	49.471	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101322\
 Data File : VX032123.D
 Acq On : 13 Oct 2022 20:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/14/2022
 Supervised By : Mahesh Dadoda 10/14/2022

Quant Time: Oct 14 07:54:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	51851	59.782	ug/l	97
42) 1,2-Dichloroethane	6.086	62	111433	58.946	ug/l	98
43) Isopropyl Acetate	6.342	43	151758	59.969	ug/l	99
44) Trichloroethene	7.129	130	71897	47.266	ug/l	97
45) 1,2-Dichloropropane	7.428	63	66827	52.417	ug/l	94
46) Dibromomethane	7.580	93	50836	51.451	ug/l	96
47) Bromodichloromethane	7.824	83	100159	58.681	ug/l	98
48) Methyl methacrylate	7.696	41	76968	63.650	ug/l	99
49) 1,4-Dioxane	7.690	88	26792	977.889	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	483278	288.180	ug/l	98
52) Toluene	8.720	92	169123	49.861	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	99514	54.060	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	107558	58.188	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	73450	51.306	ug/l	98
56) Ethyl methacrylate	9.116	69	105972	57.748	ug/l	97
57) 1,3-Dichloropropane	9.311	76	121546	52.834	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	275254	290.578	ug/l	97
59) 2-Hexanone	9.433	43	360303	291.385	ug/l	100
60) Dibromochloromethane	9.525	129	76034	58.034	ug/l	100
61) 1,2-Dibromoethane	9.610	107	75765	52.626	ug/l	98
64) Tetrachloroethene	9.275	164	69717	47.168	ug/l	97
65) Chlorobenzene	10.080	112	186505	47.015	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	72290	52.666	ug/l	98
67) Ethyl Benzene	10.195	91	341936	50.953	ug/l	98
68) m/p-Xylenes	10.305	106	258421	96.902	ug/l	94
69) o-Xylene	10.647	106	129051	49.786	ug/l	96
70) Styrene	10.659	104	216858	52.334	ug/l	98
71) Bromoform	10.799	173	50369	56.054	ug/l #	97
73) Isopropylbenzene	10.964	105	351429	48.425	ug/l	98
74) N-amyl acetate	10.848	43	135217	61.014	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	111407	48.317	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	101323m	51.380	ug/l	
77) Bromobenzene	11.201	156	82162	45.961	ug/l	96
78) n-propylbenzene	11.305	91	415462	50.333	ug/l	98
79) 2-Chlorotoluene	11.366	91	249091	50.146	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	303870	50.486	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	26764	48.293	ug/l #	80
82) 4-Chlorotoluene	11.457	91	290314	51.031	ug/l	97
83) tert-Butylbenzene	11.713	119	301886	50.677	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	308399	50.438	ug/l	97
85) sec-Butylbenzene	11.890	105	384687	52.160	ug/l	98
86) p-Isopropyltoluene	12.012	119	325358	52.397	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	157886	46.386	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	161416	46.073	ug/l	99
89) n-Butylbenzene	12.335	91	289011	55.579	ug/l	99
90) Hexachloroethane	12.543	117	49379	50.008	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	162786	48.103	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	25449	60.296	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	104687	50.969	ug/l	99
94) Hexachlorobutadiene	13.725	225	42180	50.775	ug/l	97
95) Naphthalene	13.774	128	359972	51.146	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	104546	50.180	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101322\
Data File : VX032123.D
Acq On : 13 Oct 2022 20:27
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

Quant Time: Oct 14 07:54:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 14:28:46 2022
Response via : Initial Calibration

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

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

