

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090322\
 Data File : VX031122.D
 Acq On : 04 Sep 2022 07:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Sep 06 01:34:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

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

Internal Standards						09/06/2022
1) Pentafluorobenzene	5.556	168	179247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	292950	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	269023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	134859	50.000	ug/l	0.00
System Monitoring Compounds						09/07/2022
33) 1,2-Dichloroethane-d4	5.958	65	117642	51.008	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.020%
35) Dibromofluoromethane	5.391	113	111533	52.171	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.340%
50) Toluene-d8	8.653	98	384263	48.838	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.680%
62) 4-Bromofluorobenzene	11.079	95	141943	51.077	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.160%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	80526	43.660	ug/l	99
3) Chloromethane	1.288	50	66310	43.228	ug/l	99
4) Vinyl Chloride	1.374	62	80616	41.843	ug/l	99
5) Bromomethane	1.611	94	54779	63.598	ug/l	99
6) Chloroethane	1.685	64	35767	31.242	ug/l	99
7) Trichlorofluoromethane	1.886	101	163091	50.096	ug/l	98
8) Diethyl Ether	2.136	74	52948	46.634	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.331	101	96366	44.689	ug/l	91
10) Methyl Iodide	2.453	142	152274	71.628	ug/l	96
11) Tert butyl alcohol	3.014	59	128786	278.836	ug/l #	74
12) 1,1-Dichloroethene	2.319	96	97428	46.787	ug/l	93
13) Acrolein	2.239	56	102119	241.961	ug/l	100
14) Allyl chloride	2.666	41	109943	39.755	ug/l #	84
15) Acrylonitrile	3.069	53	252215	233.247	ug/l	98
16) Acetone	2.392	43	209233	234.996	ug/l	99
17) Carbon Disulfide	2.514	76	226901	41.957	ug/l	97
18) Methyl Acetate	2.709	43	115020	44.955	ug/l #	86
19) Methyl tert-butyl Ether	3.117	73	319440	49.812	ug/l	91
20) Methylene Chloride	2.788	84	110085	50.850	ug/l #	83
21) trans-1,2-Dichloroethene	3.093	96	103407	44.627	ug/l	90
22) Diisopropyl ether	3.764	45	241299	43.303	ug/l #	90
23) Vinyl Acetate	3.727	43	1045208	232.221	ug/l #	91
24) 1,1-Dichloroethane	3.611	63	169228	45.070	ug/l	98
25) 2-Butanone	4.568	43	308041	224.101	ug/l #	85
26) 2,2-Dichloropropane	4.483	77	82529	27.543	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	122000	46.978	ug/l	88
28) Bromochloromethane	4.897	49	47719	42.896	ug/l #	52
29) Tetrahydrofuran	5.013	42	189418	213.749	ug/l #	75
30) Chloroform	5.099	83	196878	47.814	ug/l	98
31) Cyclohexane	5.471	56	133585	42.400	ug/l	89
32) 1,1,1-Trichloroethane	5.391	97	179692	50.909	ug/l	95
36) 1,1-Dichloropropene	5.696	75	133087	44.444	ug/l	98
37) Ethyl Acetate	4.721	43	117793	45.274	ug/l #	93
38) Carbon Tetrachloride	5.678	117	158860	51.108	ug/l	99
39) Methylcyclohexane	7.385	83	160640	43.285	ug/l	92
40) Benzene	6.044	78	406597	47.293	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090322\
 Data File : VX031122.D
 Acq On : 04 Sep 2022 07:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Sep 06 01:34:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	4.922	41	63119	45.503	ug/l	#	83
42) 1,2-Dichloroethane	6.092	62	142531	50.257	ug/l		100
43) Isopropyl Acetate	6.342	43	191832	47.176	ug/l	#	90
44) Trichloroethene	7.129	130	125999	46.303	ug/l		97
45) 1,2-Dichloropropane	7.434	63	95837	43.489	ug/l		98
46) Dibromomethane	7.586	93	80499	48.806	ug/l	#	89
47) Bromodichloromethane	7.824	83	154745	50.219	ug/l		95
48) Methyl methacrylate	7.696	41	94645	46.104	ug/l	#	84
49) 1,4-Dioxane	7.702	88	58368	934.780	ug/l		89
51) 4-Methyl-2-Pentanone	8.574	43	592744	226.754	ug/l		88
52) Toluene	8.720	92	266555	47.808	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	148947	48.818	ug/l		93
54) cis-1,3-Dichloropropene	8.366	75	159362	46.712	ug/l		93
55) 1,1,2-Trichloroethane	9.153	97	118692	50.075	ug/l		95
56) Ethyl methacrylate	9.116	69	166359	51.339	ug/l	#	85
57) 1,3-Dichloropropane	9.311	76	176334	47.050	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	373696	230.947	ug/l	#	87
59) 2-Hexanone	9.433	43	446837	226.042	ug/l		88
60) Dibromochloromethane	9.525	129	134150	54.506	ug/l		98
61) 1,2-Dibromoethane	9.610	107	129736	51.845	ug/l		99
64) Tetrachloroethene	9.275	164	110641	41.191	ug/l		97
65) Chlorobenzene	10.079	112	305199	47.501	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.165	131	123776	52.172	ug/l		96
67) Ethyl Benzene	10.195	91	529741	48.126	ug/l		99
68) m/p-Xylenes	10.305	106	412570	95.566	ug/l		100
69) o-Xylene	10.640	106	201336	47.553	ug/l		96
70) Styrene	10.659	104	344627	50.296	ug/l		99
71) Bromoform	10.799	173	102452	55.537	ug/l		99
73) Isopropylbenzene	10.963	105	538557	49.540	ug/l		99
74) N-amyl acetate	10.842	43	158003	48.151	ug/l	#	84
75) 1,1,2,2-Tetrachloroethane	11.213	83	165791	47.690	ug/l		99
76) 1,2,3-Trichloropropane	11.244	75	144242m	45.246	ug/l		
77) Bromobenzene	11.201	156	137365	49.009	ug/l		85
78) n-propylbenzene	11.305	91	592787	47.876	ug/l		96
79) 2-Chlorotoluene	11.366	91	360469	47.279	ug/l		97
80) 1,3,5-Trimethylbenzene	11.451	105	450190	49.209	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	43643	43.024	ug/l		92
82) 4-Chlorotoluene	11.457	91	406334	47.631	ug/l		98
83) tert-Butylbenzene	11.713	119	461135	50.644	ug/l		99
84) 1,2,4-Trimethylbenzene	11.756	105	448651	49.341	ug/l		97
85) sec-Butylbenzene	11.890	105	558600	46.838	ug/l		99
86) p-Isopropyltoluene	12.012	119	464862	49.217	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	250019	46.568	ug/l		98
88) 1,4-Dichlorobenzene	12.043	146	249620	46.685	ug/l		97
89) n-Butylbenzene	12.335	91	373429	43.849	ug/l		98
90) Hexachloroethane	12.542	117	82580	48.245	ug/l		86
91) 1,2-Dichlorobenzene	12.335	146	244832	44.462	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	39558	46.703	ug/l		81
93) 1,2,4-Trichlorobenzene	13.585	180	194917	55.931	ug/l		97
94) Hexachlorobutadiene	13.725	225	77023	50.478	ug/l		97
95) Naphthalene	13.780	128	678769	55.529	ug/l		98
96) 1,2,3-Trichlorobenzene	13.963	180	206906	56.599	ug/l		95

09/06/2022
 Supervised By :Mahesh
 Dadoda

09/07/2022

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090322\
 Data File : VX031122.D
 Acq On : 04 Sep 2022 07:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Sep 06 01:34:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

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

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

09/06/2022
 Supervised By :Mahesh
 Dadoda

09/07/2022

