

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120622\
 Data File : VX033254.D
 Acq On : 06 Dec 2022 10:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/07/2022
 Supervised By :Mahesh Dadoda 12/07/2022

Quant Time: Dec 07 01:24:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	153119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	242550	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224907	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114099	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63691	42.072	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	84.140%		
35) Dibromofluoromethane	5.385	113	58862	43.046	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	86.100%		
50) Toluene-d8	8.647	98	172796	41.638	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	83.280%#		
62) 4-Bromofluorobenzene	11.079	95	78271	43.575	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.160%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	45713	39.077	ug/l	95
3) Chloromethane	1.294	50	51048	40.422	ug/l	97
4) Vinyl Chloride	1.374	62	59276	42.155	ug/l	99
5) Bromomethane	1.617	94	49834	47.793	ug/l	98
6) Chloroethane	1.691	64	46724	40.816	ug/l	99
7) Trichlorofluoromethane	1.886	101	118643	43.473	ug/l	99
8) Diethyl Ether	2.130	74	43568	50.707	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	69334	48.336	ug/l	98
10) Methyl Iodide	2.453	142	69610	42.391	ug/l	98
11) Tert butyl alcohol	3.007	59	64001m	270.759	ug/l	
12) 1,1-Dichloroethene	2.319	96	63796	47.744	ug/l	100
13) Acrolein	2.239	56	82261	302.972	ug/l	100
14) Allyl chloride	2.666	41	103609	48.028	ug/l	96
15) Acrylonitrile	3.062	53	169740	253.880	ug/l	98
16) Acetone	2.392	43	195405	280.595	ug/l	97
17) Carbon Disulfide	2.514	76	148962	40.351	ug/l	100
18) Methyl Acetate	2.703	43	99258	51.490	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	241219	52.053	ug/l	100
20) Methylene Chloride	2.788	84	73520	50.757	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	70271	45.974	ug/l	99
22) Diisopropyl ether	3.757	45	236209	50.286	ug/l	98
23) Vinyl Acetate	3.721	43	907440	246.791	ug/l	98
24) 1,1-Dichloroethane	3.611	63	131784	49.026	ug/l	100
25) 2-Butanone	4.556	43	250724	261.097	ug/l	99
26) 2,2-Dichloropropane	4.471	77	109583	50.701	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	87780	50.546	ug/l	97
28) Bromochloromethane	4.897	49	56994	48.254	ug/l	92
29) Tetrahydrofuran	5.007	42	151786	249.103	ug/l	98
30) Chloroform	5.092	83	150823	50.097	ug/l	95
31) Cyclohexane	5.464	56	107356	44.433	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	133566	49.540	ug/l	98
36) 1,1-Dichloropropene	5.690	75	102183	46.735	ug/l	100
37) Ethyl Acetate	4.708	43	94466	49.523	ug/l	99
38) Carbon Tetrachloride	5.678	117	118872	49.009	ug/l	99
39) Methylcyclohexane	7.379	83	115549	46.318	ug/l	98
40) Benzene	6.037	78	299543	48.863	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	54319	50.608	ug/l	97
42) 1,2-Dichloroethane	6.086	62	120091	48.654	ug/l	99
43) Isopropyl Acetate	6.336	43	160084	50.745	ug/l	98
44) Trichloroethene	7.123	130	85798	49.877	ug/l	100
45) 1,2-Dichloropropane	7.427	63	77478	51.142	ug/l	100
46) Dibromomethane	7.580	93	59522	50.353	ug/l	99
47) Bromodichloromethane	7.818	83	119869	52.478	ug/l	99
48) Methyl methacrylate	7.690	41	80157	49.363	ug/l	94
49) 1,4-Dioxane	7.714	88	30191	1010.024	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	498759	256.214	ug/l	97
52) Toluene	8.720	92	200248	49.651	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	125020	50.911	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	131929	53.576	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	84971	51.748	ug/l	98
56) Ethyl methacrylate	9.116	69	124320	54.951	ug/l	91
57) 1,3-Dichloropropane	9.305	76	135886	51.262	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	284604	264.916	ug/l	98
59) 2-Hexanone	9.427	43	379862	264.156	ug/l	96
60) Dibromochloromethane	9.518	129	99515	56.292	ug/l	100
61) 1,2-Dibromoethane	9.610	107	90637	52.296	ug/l	100
64) Tetrachloroethene	9.275	164	72912	45.800	ug/l	96
65) Chlorobenzene	10.079	112	226035	50.409	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	88948	54.138	ug/l	99
67) Ethyl Benzene	10.195	91	399910	50.277	ug/l	99
68) m/p-Xylenes	10.299	106	312095	100.199	ug/l	98
69) o-Xylene	10.640	106	152913	50.738	ug/l	98
70) Styrene	10.652	104	259089	52.549	ug/l	98
71) Bromoform	10.799	173	73660	58.474	ug/l #	99
73) Isopropylbenzene	10.963	105	402152	49.323	ug/l	99
74) N-amyl acetate	10.841	43	141299	50.944	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	123219	50.072	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	112698m	52.154	ug/l	
77) Bromobenzene	11.195	156	101074	50.406	ug/l	99
78) n-propylbenzene	11.305	91	459615	49.304	ug/l	99
79) 2-Chlorotoluene	11.366	91	280005	49.455	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	341864	49.911	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	37325	56.146	ug/l	93
82) 4-Chlorotoluene	11.451	91	321672	48.482	ug/l	98
83) tert-Butylbenzene	11.713	119	335415	49.195	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	341142	49.950	ug/l	100
85) sec-Butylbenzene	11.890	105	406191	49.797	ug/l	100
86) p-Isopropyltoluene	12.012	119	347241	50.246	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	189643	50.423	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	188852	49.029	ug/l	98
89) n-Butylbenzene	12.335	91	298157	50.080	ug/l	99
90) Hexachloroethane	12.536	117	60887	53.626	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	183348	50.114	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	25985	52.924	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	117652	52.167	ug/l	99
94) Hexachlorobutadiene	13.725	225	48876	49.123	ug/l	99
95) Naphthalene	13.774	128	385650	52.858	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	116801	51.645	ug/l	99

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

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