

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020524\
 Data File : VX040129.D
 Acq On : 05 Feb 2024 20:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/06/2024
 Supervised By : Mahesh Dadoda 02/06/2024

Quant Time: Feb 06 03:07:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	92602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	167465	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	158446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75721	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	73026	49.000	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.000%		
35) Dibromofluoromethane	5.385	113	56660	49.702	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.400%		
50) Toluene-d8	8.647	98	210309	49.331	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.660%		
62) 4-Bromofluorobenzene	11.079	95	79673	48.534	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.060%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	58658	56.239	ug/l	99
3) Chloromethane	1.294	50	41759	42.217	ug/l	99
4) Vinyl Chloride	1.374	62	42068	45.985	ug/l	99
5) Bromomethane	1.599	94	46732	52.549	ug/l	99
6) Chloroethane	1.678	64	28161	46.629	ug/l	99
7) Trichlorofluoromethane	1.880	101	62788	43.138	ug/l	100
8) Diethyl Ether	2.136	74	25464	49.485	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	53060	48.858	ug/l	99
10) Methyl Iodide	2.447	142	61873	53.521	ug/l	94
11) Tert butyl alcohol	2.965	59	77466	286.470	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	52361	50.273	ug/l	86
13) Acrolein	2.239	56	58242	224.800	ug/l	100
14) Allyl chloride	2.660	41	96299	51.293	ug/l	98
15) Acrylonitrile	3.062	53	183304	270.605	ug/l	99
16) Acetone	2.380	43	153778	220.223	ug/l	94
17) Carbon Disulfide	2.508	76	132795	43.608	ug/l	99
18) Methyl Acetate	2.703	43	109868	66.416	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	187292	52.495	ug/l	100
20) Methylene Chloride	2.788	84	62327	50.226	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	55907	48.741	ug/l	92
22) Diisopropyl ether	3.763	45	189030	51.980	ug/l	90
23) Vinyl Acetate	3.721	43	846315	260.038	ug/l	99
24) 1,1-Dichloroethane	3.611	63	104941	50.385	ug/l	99
25) 2-Butanone	4.556	43	254823	262.519	ug/l	94
26) 2,2-Dichloropropane	4.477	77	70400	43.319	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	65513	51.188	ug/l	93
28) Bromochloromethane	4.897	49	50790	52.295	ug/l	95
29) Tetrahydrofuran	5.001	42	174750	283.138	ug/l	98
30) Chloroform	5.092	83	101215	45.256	ug/l	98
31) Cyclohexane	5.470	56	81993	43.922	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	92595	48.243	ug/l	99
36) 1,1-Dichloropropene	5.696	75	77472	46.989	ug/l	98
37) Ethyl Acetate	4.715	43	98931	54.944	ug/l	99
38) Carbon Tetrachloride	5.678	117	75421	47.810	ug/l	99
39) Methylcyclohexane	7.379	83	77051	38.411	ug/l	96
40) Benzene	6.037	78	232958	48.513	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	52572	57.573	ug/l	94
42) 1,2-Dichloroethane	6.086	62	89132	48.218	ug/l	98
43) Isopropyl Acetate	6.342	43	149947	52.808	ug/l	98
44) Trichloroethene	7.129	130	59678	47.226	ug/l	99
45) 1,2-Dichloropropane	7.427	63	62883	49.597	ug/l	98
46) Dibromomethane	7.580	93	44721	46.993	ug/l	99
47) Bromodichloromethane	7.824	83	83564	49.302	ug/l	96
48) Methyl methacrylate	7.690	41	78649	56.228	ug/l	94
49) 1,4-Dioxane	7.659	88	33220	1092.933	ug/l #	96
51) 4-Methyl-2-Pentanone	8.574	43	539146	278.153	ug/l	99
52) Toluene	8.720	92	145682	48.674	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	87411	49.725	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	95032	50.663	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	62642	50.563	ug/l	96
56) Ethyl methacrylate	9.116	69	100672	55.647	ug/l	97
57) 1,3-Dichloropropane	9.305	76	102051	50.009	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	261580	287.534	ug/l	98
59) 2-Hexanone	9.427	43	422868	273.622	ug/l	100
60) Dibromochloromethane	9.519	129	63027	50.631	ug/l	100
61) 1,2-Dibromoethane	9.610	107	67139	50.127	ug/l	99
64) Tetrachloroethene	9.275	164	46970	45.559	ug/l	97
65) Chlorobenzene	10.079	112	160229	48.924	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	56212	50.824	ug/l	98
67) Ethyl Benzene	10.195	91	289577	49.280	ug/l	99
68) m/p-Xylenes	10.299	106	215331	97.407	ug/l	99
69) o-Xylene	10.640	106	105377	50.253	ug/l	99
70) Styrene	10.652	104	176461	49.930	ug/l	98
71) Bromoform	10.799	173	42053	47.016	ug/l #	98
73) Isopropylbenzene	10.963	105	262074	48.199	ug/l	99
74) N-amyl acetate	10.841	43	140563	54.034	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	102688	50.232	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	82549m	51.193	ug/l	
77) Bromobenzene	11.195	156	63657	50.753	ug/l	99
78) n-propylbenzene	11.305	91	311528	46.559	ug/l	100
79) 2-Chlorotoluene	11.366	91	193641	48.072	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	222207	47.541	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	24673	48.477	ug/l	97
82) 4-Chlorotoluene	11.457	91	225301	48.732	ug/l	98
83) tert-Butylbenzene	11.713	119	204200	45.655	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	222277	47.658	ug/l	99
85) sec-Butylbenzene	11.890	105	251751	42.485	ug/l	99
86) p-Isopropyltoluene	12.006	119	206852	42.749	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	119827	47.357	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	124259	47.974	ug/l	100
89) n-Butylbenzene	12.335	91	190136	40.484	ug/l	97
90) Hexachloroethane	12.536	117	31751	40.818	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	120219	49.277	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24283	52.403	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	67691	44.386	ug/l	97
94) Hexachlorobutadiene	13.725	225	20079	33.424	ug/l	97
95) Naphthalene	13.774	128	272050	52.521	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	69042	45.788	ug/l	99

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

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