

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020224\
 Data File : VX040074.D
 Acq On : 02 Feb 2024 10:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/05/2024
 Supervised By : Semsettin Yesilyurt 02/05/2024

Quant Time: Feb 03 02:09:49 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	108147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	184998	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	172140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86167	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80066	46.002	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.000%		
35) Dibromofluoromethane	5.385	113	62085	49.299	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.600%		
50) Toluene-d8	8.647	98	226449	48.082	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.160%		
62) 4-Bromofluorobenzene	11.079	95	88991	49.073	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.140%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	71432	58.642	ug/l	99
3) Chloromethane	1.294	50	65416	56.627	ug/l	95
4) Vinyl Chloride	1.374	62	68063	63.707	ug/l	97
5) Bromomethane	1.599	94	52275	50.332	ug/l	98
6) Chloroethane	1.678	64	36999	52.457	ug/l	100
7) Trichlorofluoromethane	1.886	101	73934	43.495	ug/l	100
8) Diethyl Ether	2.130	74	26589	44.244	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	65990	52.030	ug/l	99
10) Methyl Iodide	2.453	142	74691	55.321	ug/l	97
11) Tert butyl alcohol	2.959	59	81920	259.397	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	63584	52.273	ug/l	90
13) Acrolein	2.233	56	72981	241.200	ug/l	100
14) Allyl chloride	2.660	41	113059	51.565	ug/l	97
15) Acrylonitrile	3.062	53	206070	260.486	ug/l	99
16) Acetone	2.379	43	204380	250.618	ug/l	94
17) Carbon Disulfide	2.508	76	170171	47.849	ug/l	99
18) Methyl Acetate	2.703	43	113815	58.912	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	215190	51.644	ug/l	100
20) Methylene Chloride	2.788	84	71136	49.085	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	67194	50.160	ug/l	96
22) Diisopropyl ether	3.757	45	224908	52.956	ug/l	95
23) Vinyl Acetate	3.721	43	1022738	269.076	ug/l	99
24) 1,1-Dichloroethane	3.605	63	126528	52.017	ug/l	99
25) 2-Butanone	4.550	43	297230	262.193	ug/l	97
26) 2,2-Dichloropropane	4.464	77	99730	52.546	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	76897	51.446	ug/l	97
28) Bromochloromethane	4.891	49	55347	48.796	ug/l	99
29) Tetrahydrofuran	5.001	42	191161	265.207	ug/l	99
30) Chloroform	5.092	83	131751	50.442	ug/l	100
31) Cyclohexane	5.464	56	110399	50.637	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	112098	50.009	ug/l	98
36) 1,1-Dichloropropene	5.690	75	97084	53.304	ug/l	98
37) Ethyl Acetate	4.708	43	107833	54.212	ug/l	100
38) Carbon Tetrachloride	5.672	117	94457	54.202	ug/l	99
39) Methylcyclohexane	7.379	83	117071	52.831	ug/l	98
40) Benzene	6.037	78	278194	52.443	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	60399	59.876	ug/l	94
42) 1,2-Dichloroethane	6.086	62	108682	53.222	ug/l	100
43) Isopropyl Acetate	6.336	43	180438	57.524	ug/l	99
44) Trichloroethene	7.123	130	70501	50.503	ug/l	96
45) 1,2-Dichloropropane	7.427	63	74496	53.188	ug/l	99
46) Dibromomethane	7.580	93	53921	51.290	ug/l	98
47) Bromodichloromethane	7.818	83	101686	54.308	ug/l	96
48) Methyl methacrylate	7.689	41	89372	57.839	ug/l	92
49) 1,4-Dioxane	7.653	88	35840	1067.380	ug/l #	92
51) 4-Methyl-2-Pentanone	8.573	43	601919	281.108	ug/l	99
52) Toluene	8.714	92	174457	52.764	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	107802	55.512	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	118032	56.961	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	72254	52.795	ug/l	95
56) Ethyl methacrylate	9.116	69	116931	58.509	ug/l	96
57) 1,3-Dichloropropane	9.305	76	121930	54.088	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	266839	265.516	ug/l	96
59) 2-Hexanone	9.427	43	485448	284.345	ug/l	100
60) Dibromochloromethane	9.518	129	75419	54.843	ug/l	99
61) 1,2-Dibromoethane	9.610	107	77322	52.258	ug/l	100
64) Tetrachloroethene	9.268	164	59706	53.306	ug/l	95
65) Chlorobenzene	10.079	112	185053	52.009	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	66218	55.108	ug/l	99
67) Ethyl Benzene	10.195	91	346016	54.201	ug/l	99
68) m/p-Xylenes	10.299	106	261651	108.944	ug/l	99
69) o-Xylene	10.640	106	125277	54.991	ug/l	95
70) Styrene	10.652	104	211491	55.081	ug/l	98
71) Bromoform	10.799	173	52865	53.911	ug/l #	100
73) Isopropylbenzene	10.963	105	340982	55.109	ug/l	100
74) N-amyl acetate	10.841	43	168600	56.779	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	121076	52.047	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	100450m	54.743	ug/l	
77) Bromobenzene	11.195	156	76960	53.920	ug/l	99
78) n-propylbenzene	11.305	91	421831	55.401	ug/l	98
79) 2-Chlorotoluene	11.366	91	244326	53.301	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	291509	54.807	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	33220	56.139	ug/l	100
82) 4-Chlorotoluene	11.451	91	288649	54.865	ug/l	100
83) tert-Butylbenzene	11.713	119	278170	54.653	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	293018	55.209	ug/l	100
85) sec-Butylbenzene	11.890	105	373443	55.381	ug/l	99
86) p-Isopropyltoluene	12.006	119	304237	55.252	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	155317	53.942	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	156464	53.085	ug/l	100
89) n-Butylbenzene	12.329	91	301243	56.365	ug/l	96
90) Hexachloroethane	12.536	117	50771	55.853	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	147228	53.032	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	28841	54.694	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	98304	56.645	ug/l	96
94) Hexachlorobutadiene	13.725	225	39655	58.008	ug/l	97
95) Naphthalene	13.774	128	330531	56.076	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	94288	54.950	ug/l	98

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

