

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060622\
 Data File : VX029252.D
 Acq On : 06 Jun 2022 21:00
 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 06/07/2022
 Supervised By : Mahesh Dadoda 06/07/2022

Quant Time: Jun 07 06:06:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	264647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	454867	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	418977	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	203087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	162653	54.503	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.000%			
35) Dibromofluoromethane	5.391	113	139219	46.079	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 92.160%			
50) Toluene-d8	8.653	98	519680	47.029	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 94.060%			
62) 4-Bromofluorobenzene	11.085	95	197927	46.337	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	125204	54.411	ug/l	98
3) Chloromethane	1.288	50	129939	53.968	ug/l	98
4) Vinyl Chloride	1.374	62	145008	54.767	ug/l	99
5) Bromomethane	1.605	94	63461	52.257	ug/l	96
6) Chloroethane	1.685	64	91765	47.692	ug/l	98
7) Trichlorofluoromethane	1.886	101	218728	53.152	ug/l	99
8) Diethyl Ether	2.136	74	85323	54.100	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	133516	54.706	ug/l	98
10) Methyl Iodide	2.453	142	159569	53.052	ug/l	97
11) Tert butyl alcohol	2.977	59	167347	242.068	ug/l	98
12) 1,1-Dichloroethene	2.319	96	128933	54.054	ug/l	97
13) Acrolein	2.240	56	68585	218.958	ug/l	99
14) Allyl chloride	2.666	41	208975	58.336	ug/l	95
15) Acrylonitrile	3.069	53	427142	300.078	ug/l	100
16) Acetone	2.386	43	349677	297.564	ug/l	96
17) Carbon Disulfide	2.514	76	296104	45.261	ug/l	99
18) Methyl Acetate	2.709	43	190451	62.664	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	472806	58.424	ug/l	99
20) Methylene Chloride	2.788	84	152730	55.745	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	145753	54.164	ug/l	99
22) Diisopropyl ether	3.764	45	447359	62.436	ug/l	90
23) Vinyl Acetate	3.727	43	1896814	316.985	ug/l	99
24) 1,1-Dichloroethane	3.611	63	261066	58.891	ug/l	100
25) 2-Butanone	4.562	43	583607	307.871	ug/l	97
26) 2,2-Dichloropropane	4.477	77	165726	45.568	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	174364	54.333	ug/l	94
28) Bromochloromethane	4.904	49	108532	60.847	ug/l	98
29) Tetrahydrofuran	5.013	42	385485	317.111	ug/l	94
30) Chloroform	5.099	83	283828	57.754	ug/l	100
31) Cyclohexane	5.477	56	232625	59.959	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	247218	55.553	ug/l	98
36) 1,1-Dichloropropene	5.696	75	203288	52.292	ug/l	99
37) Ethyl Acetate	4.721	43	217340	57.686	ug/l	99
38) Carbon Tetrachloride	5.684	117	211729	47.657	ug/l	99
39) Methylcyclohexane	7.385	83	247020	51.402	ug/l	97
40) Benzene	6.044	78	613234	53.259	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	122119	60.010	ug/l	94
42) 1,2-Dichloroethane	6.092	62	212769	54.491	ug/l	99
43) Isopropyl Acetate	6.342	43	328513	55.734	ug/l	99
44) Trichloroethene	7.129	130	166162	48.660	ug/l	95
45) 1,2-Dichloropropane	7.434	63	151705	54.673	ug/l	100
46) Dibromomethane	7.586	93	112856	52.209	ug/l	93
47) Bromodichloromethane	7.824	83	215609	50.597	ug/l	99
48) Methyl methacrylate	7.696	41	166232	57.978	ug/l	92
49) 1,4-Dioxane	7.678	88	87593	998.391	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	1110763	283.331	ug/l	98
52) Toluene	8.720	92	402133	52.284	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	213760	48.809	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	242066	50.516	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	165425	51.689	ug/l	97
56) Ethyl methacrylate	9.122	69	250000	55.032	ug/l	94
57) 1,3-Dichloropropane	9.311	76	272604	53.439	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	606958	281.948	ug/l	97
59) 2-Hexanone	9.433	43	849581	278.462	ug/l	96
60) Dibromochloromethane	9.525	129	166106	45.603	ug/l	96
61) 1,2-Dibromoethane	9.610	107	173342	50.078	ug/l	99
64) Tetrachloroethene	9.275	164	146055	46.298	ug/l	97
65) Chlorobenzene	10.080	112	424070	49.270	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	157680	47.525	ug/l	99
67) Ethyl Benzene	10.195	91	766794	53.021	ug/l	99
68) m/p-Xylenes	10.305	106	592979	102.098	ug/l	99
69) o-Xylene	10.647	106	290812	50.664	ug/l	98
70) Styrene	10.659	104	485897	50.864	ug/l	98
71) Bromoform	10.805	173	114923	40.121	ug/l #	98
73) Isopropylbenzene	10.964	105	762757	55.889	ug/l	99
74) N-amyl acetate	10.848	43	267795	60.599	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	252675	54.920	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	225212m	54.704	ug/l	
77) Bromobenzene	11.201	156	176971	48.619	ug/l	95
78) n-propylbenzene	11.305	91	865991	57.052	ug/l	100
79) 2-Chlorotoluene	11.366	91	530642	55.307	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	645925	55.284	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	64947	46.283	ug/l	90
82) 4-Chlorotoluene	11.457	91	607606	55.322	ug/l	100
83) tert-Butylbenzene	11.720	119	630578	52.804	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	649550	55.696	ug/l	99
85) sec-Butylbenzene	11.890	105	786935	56.131	ug/l	100
86) p-Isopropyltoluene	12.012	119	659107	53.773	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	335704	48.934	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	340075	48.105	ug/l	97
89) n-Butylbenzene	12.335	91	558682	56.168	ug/l	99
90) Hexachloroethane	12.543	117	104617	46.943	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	332746	49.238	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	55153	53.690	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	204676	48.567	ug/l	98
94) Hexachlorobutadiene	13.725	225	81146	46.081	ug/l	94
95) Naphthalene	13.774	128	767103	56.923	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	208377	50.071	ug/l	96

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

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