

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092622\
 Data File : VX031664.D
 Acq On : 26 Sep 2022 21:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 27 01:56:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/27/2022
 Supervised By :Mahesh Dadoda 09/28/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	67347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	104696	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	131447	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71349	49.916	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.840%		
35) Dibromofluoromethane	5.385	113	59492	47.690	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.380%		
50) Toluene-d8	8.653	98	239988	53.064	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	106.120%		
62) 4-Bromofluorobenzene	11.079	95	97100	58.578	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	117.160%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	37115	45.283	ug/l	100
3) Chloromethane	1.288	50	37016	51.233	ug/l	98
4) Vinyl Chloride	1.368	62	50684	44.934	ug/l	100
5) Bromomethane	1.611	94	65130	66.270	ug/l	98
6) Chloroethane	1.685	64	64651	48.124	ug/l	97
7) Trichlorofluoromethane	1.886	101	130702	47.842	ug/l	99
8) Diethyl Ether	2.130	74	42238	53.651	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.325	101	39108	43.685	ug/l	91
10) Methyl Iodide	2.453	142	44267	50.447	ug/l	99
11) Tert butyl alcohol	2.995	59	40666	217.748	ug/l	100
12) 1,1-Dichloroethene	2.319	96	36152	52.738	ug/l	90
13) Acrolein	2.239	56	23176	274.201	ug/l	100
14) Allyl chloride	2.660	41	52952	44.957	ug/l	92
15) Acrylonitrile	3.068	53	115224	232.273	ug/l	100
16) Acetone	2.392	43	90588	275.663	ug/l	97
17) Carbon Disulfide	2.508	76	71277	47.410	ug/l	98
18) Methyl Acetate	2.703	43	58580	45.606	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	154742	48.673	ug/l	99
20) Methylene Chloride	2.788	84	43073	47.570	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	45250	45.722	ug/l	93
22) Diisopropyl ether	3.763	45	155783	51.390	ug/l #	95
23) Vinyl Acetate	3.721	43	631171	263.274	ug/l	94
24) 1,1-Dichloroethane	3.611	63	79870	45.702	ug/l	99
25) 2-Butanone	4.562	43	172533	252.878	ug/l	95
26) 2,2-Dichloropropane	4.477	77	59722	42.103	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	59126	48.781	ug/l	86
28) Bromochloromethane	4.897	49	41563	50.839	ug/l #	79
29) Tetrahydrofuran	5.007	42	115023	268.364	ug/l #	86
30) Chloroform	5.099	83	109488	50.926	ug/l	97
31) Cyclohexane	5.470	56	69984	51.494	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	94222	52.914	ug/l	99
36) 1,1-Dichloropropene	5.690	75	72202	50.398	ug/l	98
37) Ethyl Acetate	4.721	43	71801	49.688	ug/l	97
38) Carbon Tetrachloride	5.678	117	82500	51.097	ug/l	98
39) Methylcyclohexane	7.379	83	79988	49.003	ug/l	91
40) Benzene	6.037	78	213999	48.635	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	37863	51.493	ug/l	91
42) 1,2-Dichloroethane	6.086	62	84961	49.927	ug/l	99
43) Isopropyl Acetate	6.342	43	118840	52.252	ug/l	97
44) Trichloroethene	7.129	130	61063	49.133	ug/l	91
45) 1,2-Dichloropropane	7.434	63	52325	48.999	ug/l	96
46) Dibromomethane	7.580	93	42093	49.082	ug/l	92
47) Bromodichloromethane	7.824	83	82134	53.073	ug/l	98
48) Methyl methacrylate	7.696	41	54633	54.621	ug/l	87
49) 1,4-Dioxane	7.696	88	27704	1144.509	ug/l	89
51) 4-Methyl-2-Pentanone	8.574	43	394278	273.883	ug/l	96
52) Toluene	8.720	92	159715	54.455	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	86987	48.718	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	87191	54.214	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	67160	53.184	ug/l	96
56) Ethyl methacrylate	9.116	69	94517	58.500	ug/l	91
57) 1,3-Dichloropropane	9.311	76	105112	52.560	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	219748	276.214	ug/l	91
59) 2-Hexanone	9.433	43	296201	275.769	ug/l	94
60) Dibromochloromethane	9.525	129	73018	49.537	ug/l	99
61) 1,2-Dibromoethane	9.610	107	73807	57.578	ug/l	98
64) Tetrachloroethene	9.275	164	67481	48.030	ug/l	98
65) Chlorobenzene	10.079	112	183760	50.180	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	67869	51.508	ug/l	99
67) Ethyl Benzene	10.195	91	319297	51.255	ug/l	98
68) m/p-Xylenes	10.305	106	262977	105.064	ug/l	97
69) o-Xylene	10.640	106	129704	53.016	ug/l	96
70) Styrene	10.659	104	218085	54.762	ug/l	98
71) Bromoform	10.805	173	52160	46.241	ug/l #	98
73) Isopropylbenzene	10.963	105	343539	49.887	ug/l	100
74) N-amyl acetate	10.841	43	111437	49.887	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	104500	47.758	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	95888m	49.672	ug/l	
77) Bromobenzene	11.201	156	84976	48.541	ug/l	94
78) n-propylbenzene	11.305	91	392143	51.173	ug/l	98
79) 2-Chlorotoluene	11.366	91	234301	49.514	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	304312	52.131	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	26575	47.027	ug/l	95
82) 4-Chlorotoluene	11.457	91	278784	50.996	ug/l	97
83) tert-Butylbenzene	11.713	119	298155	52.965	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	301448	52.171	ug/l	98
85) sec-Butylbenzene	11.890	105	370703	51.817	ug/l	100
86) p-Isopropyltoluene	12.012	119	322626	52.295	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	169624	49.981	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	172573	48.579	ug/l	99
89) n-Butylbenzene	12.335	91	261372	51.863	ug/l	99
90) Hexachloroethane	12.542	117	52027	52.591	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	170152	50.064	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22774	51.942	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	95953	48.278	ug/l	98
94) Hexachlorobutadiene	13.725	225	36222	46.737	ug/l	98
95) Naphthalene	13.774	128	352989	53.170	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	99719	48.887	ug/l	98

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

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