

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092622\
 Data File : VX031662.D
 Acq On : 26 Sep 2022 20:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 27 01:56:09 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	5.556	168	67075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	104509	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126269	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100821	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.958	65	71203	50.016	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.040%	
35) Dibromofluoromethane	5.385	113	60786	48.814	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.620%	
50) Toluene-d8	8.647	98	234939	52.041	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.080%	
62) 4-Bromofluorobenzene	11.079	95	93946	56.777	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.560%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	37151	45.511	ug/l	99
3) Chloromethane	1.288	50	38803	54.100	ug/l	99
4) Vinyl Chloride	1.367	62	51869	46.171	ug/l	98
5) Bromomethane	1.611	94	66400	67.992	ug/l	99
6) Chloroethane	1.684	64	65887	49.270	ug/l	99
7) Trichlorofluoromethane	1.886	101	130610	48.037	ug/l	99
8) Diethyl Ether	2.130	74	44577	57.094	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.325	101	37095	41.605	ug/l	92
10) Methyl Iodide	2.453	142	43225	49.459	ug/l	99
11) Tert butyl alcohol	2.995	59	47599	261.652	ug/l	98
12) 1,1-Dichloroethene	2.318	96	35179	51.458	ug/l	91
13) Acrolein	2.239	56	22808	270.559	ug/l	100
14) Allyl chloride	2.666	41	52183	44.484	ug/l	90
15) Acrylonitrile	3.068	53	120271	243.430	ug/l	100
16) Acetone	2.392	43	93427	286.186	ug/l	95
17) Carbon Disulfide	2.507	76	70212	46.874	ug/l	100
18) Methyl Acetate	2.703	43	58560	45.775	ug/l	91
19) Methyl tert-butyl Ether	3.117	73	162911	51.451	ug/l	95
20) Methylene Chloride	2.788	84	44465	49.371	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	46573	47.249	ug/l	92
22) Diisopropyl ether	3.763	45	159360	52.784	ug/l #	95
23) Vinyl Acetate	3.721	43	647827	271.317	ug/l #	94
24) 1,1-Dichloroethane	3.605	63	83834	48.165	ug/l	99
25) 2-Butanone	4.562	43	178056	262.031	ug/l	94
26) 2,2-Dichloropropane	4.477	77	57583	40.760	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	59208	49.047	ug/l	87
28) Bromochloromethane	4.897	49	42650	52.380	ug/l #	78
29) Tetrahydrofuran	5.013	42	116693	273.365	ug/l	87
30) Chloroform	5.098	83	110909	51.796	ug/l	99
31) Cyclohexane	5.470	56	68034	50.262	ug/l	88
32) 1,1,1-Trichloroethane	5.385	97	93496	52.719	ug/l	98
36) 1,1-Dichloropropene	5.690	75	71180	49.774	ug/l	97
37) Ethyl Acetate	4.721	43	74020	51.315	ug/l	97
38) Carbon Tetrachloride	5.678	117	81236	50.405	ug/l	96
39) Methylcyclohexane	7.379	83	76269	46.808	ug/l	96
40) Benzene	6.037	78	216489	49.289	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	38184	52.023	ug/l	92
42) 1,2-Dichloroethane	6.086	62	86968	51.198	ug/l	98
43) Isopropyl Acetate	6.342	43	119476	52.626	ug/l	95
44) Trichloroethene	7.129	130	60269	48.581	ug/l	87
45) 1,2-Dichloropropane	7.433	63	51577	48.385	ug/l	95
46) Dibromomethane	7.580	93	42960	50.183	ug/l	93
47) Bromodichloromethane	7.824	83	81795	52.949	ug/l	100
48) Methyl methacrylate	7.696	41	55392	55.479	ug/l	89
49) 1,4-Dioxane	7.696	88	27607	1142.468	ug/l	92
51) 4-Methyl-2-Pentanone	8.573	43	394352	274.424	ug/l	95
52) Toluene	8.720	92	159125	54.350	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	86331	48.448	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	86327	53.773	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	67249	53.349	ug/l	98
56) Ethyl methacrylate	9.116	69	95956	59.497	ug/l	90
57) 1,3-Dichloropropane	9.311	76	105968	53.083	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	218401	275.012	ug/l	92
59) 2-Hexanone	9.433	43	298954	278.830	ug/l	93
60) Dibromochloromethane	9.525	129	72881	49.533	ug/l	100
61) 1,2-Dibromoethane	9.610	107	74161	57.957	ug/l	100
64) Tetrachloroethene	9.275	164	63498	47.048	ug/l	97
65) Chlorobenzene	10.079	112	180160	51.214	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	68163	53.853	ug/l	99
67) Ethyl Benzene	10.195	91	309022	51.640	ug/l	97
68) m/p-Xylenes	10.305	106	253014	105.229	ug/l	98
69) o-Xylene	10.640	106	126644	53.888	ug/l	95
70) Styrene	10.658	104	213647	55.848	ug/l	97
71) Bromoform	10.799	173	52789	48.599	ug/l #	100
73) Isopropylbenzene	10.963	105	331960	50.913	ug/l	99
74) N-amyl acetate	10.847	43	112493	53.188	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	104578	50.478	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	92892m	50.823	ug/l	
77) Bromobenzene	11.201	156	83281	50.244	ug/l	92
78) n-propylbenzene	11.305	91	375570	51.763	ug/l	98
79) 2-Chlorotoluene	11.366	91	228147	50.922	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	293653	53.131	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	25903	48.322	ug/l	97
82) 4-Chlorotoluene	11.457	91	269593	52.084	ug/l	97
83) tert-Butylbenzene	11.713	119	291342	54.662	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	297423	54.365	ug/l	99
85) sec-Butylbenzene	11.890	105	356185	52.584	ug/l	100
86) p-Isopropyltoluene	12.012	119	306954	52.550	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	162583	50.597	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	168208	50.010	ug/l	98
89) n-Butylbenzene	12.335	91	247472	51.863	ug/l	98
90) Hexachloroethane	12.542	117	49582	52.935	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	166638	51.784	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23363	56.278	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	95490	50.744	ug/l	98
94) Hexachlorobutadiene	13.725	225	34254	46.680	ug/l	98
95) Naphthalene	13.780	128	358223	56.989	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	97953	50.719	ug/l	97

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

