

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092622\
 Data File : VX031651.D
 Acq On : 26 Sep 2022 16:17
 Operator : JC/MD
 Sample : VX0926WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBS01

Quant Time: Sep 27 01:53:29 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	53428	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	79195	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	95021	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78995	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	54692	48.231	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.460%		
35) Dibromofluoromethane	5.379	113	47158	49.975	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.960%		
50) Toluene-d8	8.647	98	179342	52.423	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.840%		
62) 4-Bromofluorobenzene	11.079	95	68724	54.810	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	109.620%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	14237	21.895	ug/l	98
3) Chloromethane	1.288	50	14396	23.408	ug/l	94
4) Vinyl Chloride	1.368	62	19457	21.743	ug/l	100
5) Bromomethane	1.612	94	24164	27.483	ug/l	98
6) Chloroethane	1.685	64	23881	21.771	ug/l	100
7) Trichlorofluoromethane	1.886	101	49309	20.341	ug/l	97
8) Diethyl Ether	2.130	74	16078	23.624	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.331	101	14735	20.748	ug/l	93
10) Methyl Iodide	2.447	142	12553	18.032	ug/l	99
11) Tert butyl alcohol	2.995	59	15726	89.335	ug/l	99
12) 1,1-Dichloroethene	2.313	96	13071	22.428	ug/l	89
13) Acrolein	2.239	56	8224	104.842	ug/l	97
14) Allyl chloride	2.660	41	18375	19.665	ug/l	92
15) Acrylonitrile	3.069	53	39179	99.554	ug/l	99
16) Acetone	2.392	43	32401	112.985	ug/l	92
17) Carbon Disulfide	2.508	76	25982	20.938	ug/l	98
18) Methyl Acetate	2.703	43	20861	20.472	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	49216	19.514	ug/l	96
20) Methylene Chloride	2.788	84	16208	21.643	ug/l	85
21) trans-1,2-Dichloroethene	3.087	96	15158	19.306	ug/l	85
22) Diisopropyl ether	3.758	45	47403	19.711	ug/l	87
23) Vinyl Acetate	3.721	43	194432	102.230	ug/l	96
24) 1,1-Dichloroethane	3.605	63	26991	19.468	ug/l	95
25) 2-Butanone	4.562	43	54536	100.756	ug/l	94
26) 2,2-Dichloropropane	4.477	77	20561	18.272	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	18953	19.711	ug/l	88
28) Bromochloromethane	4.898	49	13368	20.611	ug/l	86
29) Tetrahydrofuran	5.007	42	33587	98.778	ug/l	88
30) Chloroform	5.093	83	32871	19.272	ug/l	95
31) Cyclohexane	5.477	56	21857	20.272	ug/l	89
32) 1,1,1-Trichloroethane	5.379	97	27365	19.372	ug/l	99
36) 1,1-Dichloropropene	5.690	75	21764	20.083	ug/l	99
37) Ethyl Acetate	4.709	43	22450	20.538	ug/l	99
38) Carbon Tetrachloride	5.672	117	24272	19.874	ug/l	94
39) Methylcyclohexane	7.379	83	23923	19.375	ug/l	90
40) Benzene	6.038	78	65714	19.744	ug/l	99

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41) Methacrylonitrile	4.922	41	11219	20.171	ug/l	91
42) 1,2-Dichloroethane	6.086	62	26012	20.208	ug/l	98
43) Isopropyl Acetate	6.336	43	35212	20.468	ug/l	99
44) Trichloroethene	7.123	130	18951	20.159	ug/l	88
45) 1,2-Dichloropropane	7.428	63	16689	20.661	ug/l	98
46) Dibromomethane	7.580	93	13772	21.230	ug/l	94
47) Bromodichloromethane	7.818	83	24527	20.952	ug/l	96
48) Methyl methacrylate	7.696	41	16450	21.742	ug/l #	86
49) 1,4-Dioxane	7.690	88	8673	448.324	ug/l	92
51) 4-Methyl-2-Pentanone	8.574	43	119518	109.756	ug/l	97
52) Toluene	8.720	92	47370	21.351	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	23884	18.884	ug/l	94
54) cis-1,3-Dichloropropene	8.366	75	24713	20.314	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	19398	20.308	ug/l	96
56) Ethyl methacrylate	9.116	69	27090	22.166	ug/l	94
57) 1,3-Dichloropropane	9.311	76	30892	20.421	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	63835	106.075	ug/l	91
59) 2-Hexanone	9.433	43	94903	116.808	ug/l	100
60) Dibromochloromethane	9.519	129	19403	18.401	ug/l	96
61) 1,2-Dibromoethane	9.610	107	21139	21.801	ug/l	100
64) Tetrachloroethene	9.275	164	19855	19.549	ug/l	94
65) Chlorobenzene	10.080	112	54356	20.533	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.165	131	19490	20.462	ug/l	98
67) Ethyl Benzene	10.195	91	92036	20.438	ug/l	99
68) m/p-Xylenes	10.299	106	76960	42.534	ug/l	99
69) o-Xylene	10.640	106	37140	21.000	ug/l	95
70) Styrene	10.659	104	62841	21.829	ug/l	97
71) Bromoform	10.799	173	14058	18.632	ug/l #	98
73) Isopropylbenzene	10.964	105	97464	19.078	ug/l	100
74) N-amyl acetate	10.842	43	33521	20.228	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	31974	19.698	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	28043m	19.582	ug/l	
77) Bromobenzene	11.201	156	24575	18.923	ug/l	95
78) n-propylbenzene	11.305	91	116326	20.463	ug/l	100
79) 2-Chlorotoluene	11.366	91	70198	19.997	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	88489	20.434	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	6891	18.423	ug/l #	79
82) 4-Chlorotoluene	11.457	91	84732	20.893	ug/l	99
83) tert-Butylbenzene	11.713	119	82928	19.858	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	89314	20.836	ug/l	100
85) sec-Butylbenzene	11.890	105	109771	20.683	ug/l	100
86) p-Isopropyltoluene	12.012	119	94332	20.611	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	50433	20.032	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	53115	20.155	ug/l	98
89) n-Butylbenzene	12.335	91	78569	21.015	ug/l	99
90) Hexachloroethane	12.543	117	14628	19.932	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	51858	20.568	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6336	19.479	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	28567	19.375	ug/l	98
94) Hexachlorobutadiene	13.725	225	11099	19.305	ug/l	99
95) Naphthalene	13.774	128	98530	20.006	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	29275	19.346	ug/l	95

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

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