

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083022\
 Data File : VX030947.D
 Acq On : 30 Aug 2022 18:33
 Operator : JC/MD
 Sample : VX0830WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830WBS01

Quant Time: Aug 31 03:12:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 14:24:53 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/31/2022
 Supervised By : Mahesh Dadoda 08/31/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	193834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	338299	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	307997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	164749	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	139634	50.226	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.460%			
35) Dibromofluoromethane	5.391	113	123659	49.587	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.180%			
50) Toluene-d8	8.653	98	469167	50.802	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.600%			
62) 4-Bromofluorobenzene	11.085	95	170400	51.813	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.620%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	37995	18.528	ug/l	98
3) Chloromethane	1.288	50	39406	19.067	ug/l	100
4) Vinyl Chloride	1.374	62	45320	18.561	ug/l	99
5) Bromomethane	1.593	94	17272	20.426	ug/l	97
6) Chloroethane	1.672	64	26230	17.867	ug/l	94
7) Trichlorofluoromethane	1.880	101	69048	18.593	ug/l	93
8) Diethyl Ether	2.136	74	27209	18.985	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.325	101	45726	19.148	ug/l	96
10) Methyl Iodide	2.447	142	23918	14.219	ug/l	95
11) Tert butyl alcohol	2.977	59	66775	101.378	ug/l	100
12) 1,1-Dichloroethene	2.312	96	45102	19.146	ug/l	98
13) Acrolein	2.239	56	33201	103.679	ug/l	100
14) Allyl chloride	2.660	41	71777	18.781	ug/l	98
15) Acrylonitrile	3.068	53	148310	101.968	ug/l	97
16) Acetone	2.386	43	119958	95.602	ug/l	98
17) Carbon Disulfide	2.507	76	108963	17.526	ug/l	97
18) Methyl Acetate	2.709	43	72420	19.675	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	152233	19.841	ug/l	96
20) Methylene Chloride	2.788	84	54136	18.976	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	48719	19.073	ug/l	97
22) Diisopropyl ether	3.769	45	151735	19.268	ug/l #	85
23) Vinyl Acetate	3.727	43	618119	97.837	ug/l	98
24) 1,1-Dichloroethane	3.611	63	89382	19.381	ug/l	99
25) 2-Butanone	4.568	43	199514	98.222	ug/l	100
26) 2,2-Dichloropropane	4.477	77	58906	16.950	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	57221	19.440	ug/l	98
28) Bromochloromethane	4.910	49	28153	18.872	ug/l	87
29) Tetrahydrofuran	5.013	42	126625	96.363	ug/l	93
30) Chloroform	5.105	83	92715	19.379	ug/l	99
31) Cyclohexane	5.470	56	78462	19.068	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	78081	19.252	ug/l	97
36) 1,1-Dichloropropene	5.696	75	66173	17.853	ug/l	99
37) Ethyl Acetate	4.721	43	74344	19.079	ug/l	98
38) Carbon Tetrachloride	5.684	117	66054	18.719	ug/l	93
39) Methylcyclohexane	7.385	83	82291	18.151	ug/l	96
40) Benzene	6.043	78	201866	18.897	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	39979	18.890	ug/l	95
42) 1,2-Dichloroethane	6.092	62	67289	18.962	ug/l	99
43) Isopropyl Acetate	6.348	43	110231	18.230	ug/l	97
44) Trichloroethene	7.135	130	58335	18.536	ug/l	99
45) 1,2-Dichloropropane	7.440	63	52375	18.368	ug/l	99
46) Dibromomethane	7.586	93	36702	18.848	ug/l	96
47) Bromodichloromethane	7.824	83	70045	18.711	ug/l	99
48) Methyl methacrylate	7.702	41	55332	18.282	ug/l	94
49) 1,4-Dioxane	7.665	88	31010	389.861	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	385039	96.479	ug/l	95
52) Toluene	8.720	92	128309	19.657	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	70126	18.565	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	79686	18.440	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	55986	19.774	ug/l	96
56) Ethyl methacrylate	9.116	69	83841	20.219	ug/l #	90
57) 1,3-Dichloropropane	9.311	76	93271	19.974	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	217508	104.437	ug/l	100
59) 2-Hexanone	9.433	43	296922	100.051	ug/l	95
60) Dibromochloromethane	9.525	129	54127	19.235	ug/l	100
61) 1,2-Dibromoethane	9.616	107	57680	19.732	ug/l	98
64) Tetrachloroethene	9.281	164	54791	18.808	ug/l	94
65) Chlorobenzene	10.085	112	141154	19.382	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	50134	19.429	ug/l	98
67) Ethyl Benzene	10.195	91	249847	19.341	ug/l	95
68) m/p-Xylenes	10.305	106	193067	39.457	ug/l	98
69) o-Xylene	10.646	106	96547	20.160	ug/l	95
70) Styrene	10.658	104	160721	19.880	ug/l	99
71) Bromoform	10.805	173	39632	19.573	ug/l #	100
73) Isopropylbenzene	10.963	105	248039	19.030	ug/l	99
74) N-amyl acetate	10.847	43	93449	18.545	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	90089	20.175	ug/l	96
76) 1,2,3-Trichloropropane	11.244	75	81312m	20.048	ug/l	
77) Bromobenzene	11.201	156	60469	19.145	ug/l	96
78) n-propylbenzene	11.305	91	290145	18.995	ug/l	100
79) 2-Chlorotoluene	11.366	91	177697	18.730	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	213692	19.457	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	23814	17.457	ug/l	97
82) 4-Chlorotoluene	11.457	91	206009	19.423	ug/l	99
83) tert-Butylbenzene	11.719	119	201822	18.720	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	219933	19.561	ug/l	99
85) sec-Butylbenzene	11.890	105	266401	19.038	ug/l	100
86) p-Isopropyltoluene	12.012	119	228399	19.675	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	117317	18.838	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	122363	19.164	ug/l	98
89) n-Butylbenzene	12.335	91	193327	17.793	ug/l	98
90) Hexachloroethane	12.542	117	37956	18.622	ug/l	98
91) 1,2-Dichlorobenzene	12.341	146	120547	19.083	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21906	19.666	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	73860	18.291	ug/l	98
94) Hexachlorobutadiene	13.725	225	31096	18.134	ug/l	99
95) Naphthalene	13.780	128	277340	19.204	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	77440	18.994	ug/l	99

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

