

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072922\
 Data File : VX030293.D
 Acq On : 29 Jul 2022 11:25
 Operator : JC/MD
 Sample : VX0729WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/01/2022
 Supervised By : Mahesh Dadoda 08/01/2022

Quant Time: Aug 01 05:09:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	145258	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	250460	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	253028	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	153934	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	155972	53.422	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.840%			
35) Dibromofluoromethane	5.385	113	127320	53.177	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.360%			
50) Toluene-d8	8.653	98	473384	51.054	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.100%			
62) 4-Bromofluorobenzene	11.085	95	176244	51.217	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.440%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	46898	19.676	ug/l	100
3) Chloromethane	1.288	50	39556	16.782	ug/l	100
4) Vinyl Chloride	1.374	62	43354	18.224	ug/l	99
5) Bromomethane	1.605	94	16647	16.039	ug/l	93
6) Chloroethane	1.685	64	25375	18.577	ug/l	96
7) Trichlorofluoromethane	1.886	101	60424	19.278	ug/l	98
8) Diethyl Ether	2.136	74	23961	19.522	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	46206	19.904	ug/l	97
10) Methyl Iodide	2.453	142	24231	11.908	ug/l	98
11) Tert butyl alcohol	2.977	59	71816	100.841	ug/l	99
12) 1,1-Dichloroethene	2.319	96	43109	18.998	ug/l	91
13) Acrolein	2.239	56	16463	94.051	ug/l	99
14) Allyl chloride	2.660	41	89588	19.133	ug/l	97
15) Acrylonitrile	3.068	53	171003	97.165	ug/l	98
16) Acetone	2.386	43	144438	96.630	ug/l	93
17) Carbon Disulfide	2.508	76	101610	16.588	ug/l	99
18) Methyl Acetate	2.709	43	86080	19.470	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	156163	20.091	ug/l	99
20) Methylene Chloride	2.788	84	51648	18.564	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	46267	18.473	ug/l	87
22) Diisopropyl ether	3.763	45	179063	20.211	ug/l	95
23) Vinyl Acetate	3.727	43	770867	100.306	ug/l	98
24) 1,1-Dichloroethane	3.611	63	91565	19.450	ug/l	97
25) 2-Butanone	4.562	43	243927	97.111	ug/l	97
26) 2,2-Dichloropropane	4.483	77	67184	19.736	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	55746	18.927	ug/l	92
28) Bromochloromethane	4.903	49	45995	23.126	ug/l	93
29) Tetrahydrofuran	5.013	42	162021	95.867	ug/l	95
30) Chloroform	5.099	83	92429	19.829	ug/l	100
31) Cyclohexane	5.470	56	80694	19.036	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	74004	19.532	ug/l	98
36) 1,1-Dichloropropene	5.696	75	65985	19.150	ug/l	97
37) Ethyl Acetate	4.721	43	87717	17.977	ug/l	99
38) Carbon Tetrachloride	5.678	117	61977	19.267	ug/l	97
39) Methylcyclohexane	7.385	83	81798	18.392	ug/l	95
40) Benzene	6.044	78	205099	18.919	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	49261	18.834	ug/l	96
42) 1,2-Dichloroethane	6.092	62	71619	19.119	ug/l	96
43) Isopropyl Acetate	6.348	43	138333	19.339	ug/l	98
44) Trichloroethene	7.129	130	53634	18.106	ug/l	94
45) 1,2-Dichloropropane	7.434	63	55228	19.100	ug/l	99
46) Dibromomethane	7.586	93	35929	18.272	ug/l	96
47) Bromodichloromethane	7.824	83	68335	19.117	ug/l	97
48) Methyl methacrylate	7.696	41	68350	19.414	ug/l	94
49) 1,4-Dioxane	7.677	88	28915	355.586	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	472906	97.385	ug/l	97
52) Toluene	8.720	92	125037	18.904	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	71622	18.588	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	80345	19.134	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	53249	18.909	ug/l	95
56) Ethyl methacrylate	9.116	69	86385	19.404	ug/l	93
57) 1,3-Dichloropropane	9.311	76	87390	18.800	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	217424	98.408	ug/l	96
59) 2-Hexanone	9.433	43	361575	94.378	ug/l	96
60) Dibromochloromethane	9.525	129	48940	18.773	ug/l	99
61) 1,2-Dibromoethane	9.610	107	54433	18.511	ug/l	98
64) Tetrachloroethene	9.275	164	49746	18.262	ug/l	99
65) Chlorobenzene	10.079	112	129758	18.879	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	45952	19.667	ug/l	98
67) Ethyl Benzene	10.195	91	236543	22.654	ug/l	99
68) m/p-Xylenes	10.305	106	180028	38.664	ug/l	94
69) o-Xylene	10.646	106	90119	19.638	ug/l	95
70) Styrene	10.659	104	146788	19.469	ug/l	98
71) Bromoform	10.805	173	32191	18.740	ug/l #	97
73) Isopropylbenzene	10.963	105	232465	19.344	ug/l	99
74) N-amyl acetate	10.848	43	114312	19.572	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	81979	18.638	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	76352m	18.817	ug/l	
77) Bromobenzene	11.201	156	51324	18.196	ug/l	89
78) n-propylbenzene	11.305	91	278050	19.386	ug/l	98
79) 2-Chlorotoluene	11.366	91	164791	18.194	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	196616	19.540	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	24370	18.018	ug/l	87
82) 4-Chlorotoluene	11.457	91	189772	19.177	ug/l	97
83) tert-Butylbenzene	11.719	119	182672	19.586	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	195997	19.524	ug/l	98
85) sec-Butylbenzene	11.890	105	252812	19.804	ug/l	99
86) p-Isopropyltoluene	12.012	119	195490	19.141	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	101457	18.496	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	102080	18.281	ug/l	99
89) n-Butylbenzene	12.335	91	192678	20.264	ug/l	99
90) Hexachloroethane	12.542	117	32129	18.271	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	105115	19.523	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21561	20.438	ug/l	82
93) 1,2,4-Trichlorobenzene	13.591	180	60819	19.479	ug/l	98
94) Hexachlorobutadiene	13.725	225	24012	19.153	ug/l	97
95) Naphthalene	13.780	128	250643	20.551	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	63421	19.806	ug/l	99

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

