

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072922\
 Data File : VX030294.D
 Acq On : 29 Jul 2022 11:51
 Operator : JC/MD
 Sample : VX0729WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Aug 01 05:10:21 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	5.556	168	139170	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	237033	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	241296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	143860	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	154108	55.093	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.180%			
35) Dibromofluoromethane	5.391	113	122396	54.016	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.040%			
50) Toluene-d8	8.653	98	450144	51.298	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.600%			
62) 4-Bromofluorobenzene	11.085	95	169966	52.190	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.380%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	43955	19.248	ug/l	94
3) Chloromethane	1.288	50	35691	15.805	ug/l	96
4) Vinyl Chloride	1.374	62	40206	17.640	ug/l	95
5) Bromomethane	1.605	94	15447	15.329	ug/l	95
6) Chloroethane	1.684	64	24453	18.685	ug/l	99
7) Trichlorofluoromethane	1.886	101	56734	18.893	ug/l	97
8) Diethyl Ether	2.136	74	23521	20.002	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	41571	18.690	ug/l	98
10) Methyl Iodide	2.453	142	24662	12.555	ug/l	93
11) Tert butyl alcohol	2.977	59	73110	107.148	ug/l	100
12) 1,1-Dichloroethene	2.318	96	40275	18.525	ug/l	91
13) Acrolein	2.239	56	17848	106.424	ug/l	96
14) Allyl chloride	2.666	41	86631	19.310	ug/l	97
15) Acrylonitrile	3.068	53	170180	100.927	ug/l	98
16) Acetone	2.386	43	142387	99.425	ug/l	97
17) Carbon Disulfide	2.507	76	95584	16.287	ug/l	99
18) Methyl Acetate	2.709	43	87231	20.593	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	152530	20.482	ug/l	99
20) Methylene Chloride	2.788	84	51104	19.260	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	42929	17.890	ug/l	91
22) Diisopropyl ether	3.763	45	172697	20.345	ug/l	95
23) Vinyl Acetate	3.727	43	763147	103.645	ug/l	98
24) 1,1-Dichloroethane	3.611	63	87318	19.359	ug/l	99
25) 2-Butanone	4.562	43	242940	100.949	ug/l	96
26) 2,2-Dichloropropane	4.483	77	62801	19.255	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	54843	19.435	ug/l	95
28) Bromochloromethane	4.897	49	43754	22.962	ug/l	95
29) Tetrahydrofuran	5.013	42	161076	99.477	ug/l	95
30) Chloroform	5.098	83	86888	19.456	ug/l	92
31) Cyclohexane	5.470	56	77615	19.111	ug/l	92
32) 1,1,1-Trichloroethane	5.391	97	70401	19.394	ug/l	99
36) 1,1-Dichloropropene	5.696	75	60304	18.493	ug/l	97
37) Ethyl Acetate	4.720	43	89652	19.414	ug/l	98
38) Carbon Tetrachloride	5.678	117	57342	18.836	ug/l	96
39) Methylcyclohexane	7.385	83	76977	18.288	ug/l	93
40) Benzene	6.043	78	193981	18.907	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	51888	20.962	ug/l	93
42) 1,2-Dichloroethane	6.092	62	70408	19.860	ug/l	97
43) Isopropyl Acetate	6.342	43	137070	20.248	ug/l	97
44) Trichloroethene	7.129	130	51129	18.238	ug/l	93
45) 1,2-Dichloropropane	7.433	63	53320	19.485	ug/l	94
46) Dibromomethane	7.586	93	35389	19.017	ug/l	96
47) Bromodichloromethane	7.824	83	65230	19.282	ug/l	96
48) Methyl methacrylate	7.696	41	68856	20.665	ug/l	92
49) 1,4-Dioxane	7.671	88	28891	375.416	ug/l #	93
51) 4-Methyl-2-Pentanone	8.580	43	464871	101.153	ug/l	97
52) Toluene	8.720	92	119620	19.110	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	68952	18.908	ug/l	96
54) cis-1,3-Dichloropropene	8.372	75	78173	19.672	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	52290	19.620	ug/l	98
56) Ethyl methacrylate	9.116	69	85431	20.277	ug/l	94
57) 1,3-Dichloropropane	9.311	76	86130	19.578	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	216949	103.755	ug/l	97
59) 2-Hexanone	9.433	43	362011	99.844	ug/l	95
60) Dibromochloromethane	9.524	129	47312	19.177	ug/l	96
61) 1,2-Dibromoethane	9.610	107	51635	18.554	ug/l	99
64) Tetrachloroethene	9.275	164	47676	18.353	ug/l	97
65) Chlorobenzene	10.079	112	123552	18.850	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	44290	19.877	ug/l	100
67) Ethyl Benzene	10.195	91	228209	22.886	ug/l	98
68) m/p-Xylenes	10.305	106	172983	38.958	ug/l	95
69) o-Xylene	10.646	106	84296	19.262	ug/l	92
70) Styrene	10.658	104	141654	19.702	ug/l	97
71) Bromoform	10.805	173	31159	19.021	ug/l #	96
73) Isopropylbenzene	10.963	105	217190	19.339	ug/l	99
74) N-amyl acetate	10.847	43	110807	20.301	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	79956	19.451	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	78056m	20.584	ug/l	
77) Bromobenzene	11.201	156	50494	19.156	ug/l	92
78) n-propylbenzene	11.305	91	265178	19.783	ug/l	98
79) 2-Chlorotoluene	11.366	91	159384	18.829	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	187377	19.926	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.024	75	24144	19.100	ug/l	91
82) 4-Chlorotoluene	11.457	91	180950	19.566	ug/l	98
83) tert-Butylbenzene	11.719	119	172791	19.824	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	186528	19.882	ug/l	97
85) sec-Butylbenzene	11.890	105	236427	19.818	ug/l	99
86) p-Isopropyltoluene	12.012	119	189617	19.867	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	96730	18.869	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	98166	18.811	ug/l	98
89) n-Butylbenzene	12.335	91	184766	20.793	ug/l	99
90) Hexachloroethane	12.542	117	31405	19.110	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	101089	20.090	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20531	20.825	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	61135	20.951	ug/l	97
94) Hexachlorobutadiene	13.725	225	23790	20.304	ug/l	99
95) Naphthalene	13.780	128	248884	21.836	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	61584	20.579	ug/l	97

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

