

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060722\
 Data File : VX029283.D
 Acq On : 07 Jun 2022 17:04
 Operator : JC/MD
 Sample : VX0607WBS03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBS03

Quant Time: Jun 08 01:25:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/08/2022
 Supervised By : Mahesh Dadoda 06/08/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	268214	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	460910	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	415105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	203746	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	145966	48.261	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.520%		
35) Dibromofluoromethane	5.391	113	121559	39.706	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	79.420%		
50) Toluene-d8	8.653	98	456886	40.804	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	81.600%		
62) 4-Bromofluorobenzene	11.079	95	174740	40.372	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	80.740%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	48586	20.834	ug/l	99
3) Chloromethane	1.288	50	51411	21.069	ug/l	98
4) Vinyl Chloride	1.374	62	55906	20.834	ug/l	97
5) Bromomethane	1.605	94	29012	21.131	ug/l	97
6) Chloroethane	1.685	64	36773	17.495	ug/l	98
7) Trichlorofluoromethane	1.886	101	83849	20.105	ug/l	98
8) Diethyl Ether	2.136	74	33305	20.837	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	51295	20.738	ug/l	99
10) Methyl Iodide	2.453	142	50049	19.337	ug/l	96
11) Tert butyl alcohol	2.971	59	77499	110.612	ug/l	97
12) 1,1-Dichloroethene	2.319	96	49398	20.434	ug/l	95
13) Acrolein	2.240	56	23056	72.628	ug/l	100
14) Allyl chloride	2.666	41	79644	21.937	ug/l	96
15) Acrylonitrile	3.069	53	161986	112.286	ug/l	100
16) Acetone	2.386	43	133416	112.023	ug/l	98
17) Carbon Disulfide	2.514	76	102901	15.520	ug/l	97
18) Methyl Acetate	2.703	43	73743	23.941	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	179134	21.841	ug/l	97
20) Methylene Chloride	2.788	84	58362	21.018	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	53829	19.738	ug/l	98
22) Diisopropyl ether	3.764	45	174861	24.080	ug/l	90
23) Vinyl Acetate	3.727	43	718049	118.401	ug/l	98
24) 1,1-Dichloroethane	3.611	63	98587	21.943	ug/l	98
25) 2-Butanone	4.568	43	218188	113.570	ug/l	95
26) 2,2-Dichloropropane	4.477	77	74136	20.114	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	65021	19.992	ug/l	98
28) Bromochloromethane	4.904	49	47483	26.266	ug/l	97
29) Tetrahydrofuran	5.013	42	141447	114.811	ug/l	95
30) Chloroform	5.099	83	108466	21.777	ug/l	95
31) Cyclohexane	5.477	56	86743	22.061	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	89982	19.951	ug/l	98
36) 1,1-Dichloropropene	5.696	75	75917	19.272	ug/l	98
37) Ethyl Acetate	4.721	43	83637	21.908	ug/l	99
38) Carbon Tetrachloride	5.678	117	77584	17.234	ug/l	97
39) Methylcyclohexane	7.385	83	91227	18.734	ug/l	92
40) Benzene	6.044	78	229960	19.710	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	46793	22.693	ug/l	93
42) 1,2-Dichloroethane	6.093	62	82352	20.814	ug/l	100
43) Isopropyl Acetate	6.342	43	123380	20.658	ug/l	97
44) Trichloroethene	7.129	130	60496	17.027	ug/l	94
45) 1,2-Dichloropropane	7.434	63	56395	20.058	ug/l	99
46) Dibromomethane	7.580	93	42001	19.176	ug/l	92
47) Bromodichloromethane	7.824	83	79316	18.369	ug/l	95
48) Methyl methacrylate	7.696	41	63309	21.791	ug/l	91
49) 1,4-Dioxane	7.678	88	32192	362.116	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	427666	107.658	ug/l	97
52) Toluene	8.720	92	151796	19.477	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	77470	17.457	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	89633	18.460	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	62050	19.134	ug/l	98
56) Ethyl methacrylate	9.116	69	91973	19.980	ug/l	92
57) 1,3-Dichloropropane	9.311	76	103830	20.087	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	237765	109.000	ug/l	98
59) 2-Hexanone	9.433	43	327926	106.073	ug/l	94
60) Dibromochloromethane	9.525	129	58189	15.766	ug/l	97
61) 1,2-Dibromoethane	9.610	107	64485	18.385	ug/l	98
64) Tetrachloroethene	9.275	164	50664	16.210	ug/l	96
65) Chlorobenzene	10.080	112	160282	18.796	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	57817	17.589	ug/l	98
67) Ethyl Benzene	10.195	91	284360	19.846	ug/l	99
68) m/p-Xylenes	10.305	106	223062	38.764	ug/l	98
69) o-Xylene	10.640	106	110171	19.372	ug/l	99
70) Styrene	10.659	104	180168	19.036	ug/l	98
71) Bromoform	10.805	173	38432	13.542	ug/l #	95
73) Isopropylbenzene	10.964	105	285326	20.839	ug/l	98
74) N-amyl acetate	10.848	43	100733	22.721	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.214	83	98769	21.399	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	87686m	21.230	ug/l	
77) Bromobenzene	11.201	156	67061	18.364	ug/l	95
78) n-propylbenzene	11.305	91	326940	21.469	ug/l	99
79) 2-Chlorotoluene	11.366	91	201880	20.973	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	244238	20.836	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	22360	15.883	ug/l #	77
82) 4-Chlorotoluene	11.457	91	232188	21.072	ug/l	99
83) tert-Butylbenzene	11.713	119	240533	20.077	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	247754	21.175	ug/l	98
85) sec-Butylbenzene	11.890	105	294224	20.919	ug/l	98
86) p-Isopropyltoluene	12.012	119	246019	20.006	ug/l	98
87) 1,3-Dichlorobenzene	11.970	146	126329	18.355	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	127549	17.984	ug/l	96
89) n-Butylbenzene	12.335	91	207883	20.832	ug/l	98
90) Hexachloroethane	12.543	117	35987	16.095	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	126266	18.624	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20748	20.132	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	74250	17.562	ug/l	98
94) Hexachlorobutadiene	13.725	225	29848	16.496	ug/l	93
95) Naphthalene	13.780	128	280339	20.735	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	74870	17.933	ug/l	96

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

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