

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060222\
 Data File : VX029165.D
 Acq On : 03 Jun 2022 03:58
 Operator : JC/MD
 Sample : VX0602WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0602WBS02

Quant Time: Jun 03 04:38:23 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 :Mahesh Dadoda 06/03/2022
 Supervised By :Semsettin Yesilyurt 06/03/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	273431	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	466712	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	425103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	208246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	166683	54.060	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 108.120%			
35) Dibromofluoromethane	5.391	113	146721	47.329	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 94.660%			
50) Toluene-d8	8.653	98	539470	47.581	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 95.160%			
62) 4-Bromofluorobenzene	11.079	95	202246	46.146	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.300%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	52348	22.019	ug/l	97
3) Chloromethane	1.288	50	50477	20.291	ug/l	98
4) Vinyl Chloride	1.374	62	54514	19.927	ug/l	99
5) Bromomethane	1.605	94	29212	20.816	ug/l	93
6) Chloroethane	1.685	64	35733	16.693	ug/l	98
7) Trichlorofluoromethane	1.886	101	87869	20.667	ug/l	99
8) Diethyl Ether	2.136	74	32535	19.966	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	53075	21.048	ug/l	98
10) Methyl Iodide	2.453	142	55444	20.647	ug/l	96
11) Tert butyl alcohol	2.965	59	87791	122.911	ug/l	95
12) 1,1-Dichloroethene	2.319	96	50199	20.370	ug/l	94
13) Acrolein	2.233	56	24496	75.691	ug/l	99
14) Allyl chloride	2.666	41	75530	20.407	ug/l	96
15) Acrylonitrile	3.063	53	168452	114.540	ug/l	99
16) Acetone	2.380	43	134939	111.140	ug/l	96
17) Carbon Disulfide	2.514	76	115408	17.074	ug/l	100
18) Methyl Acetate	2.703	43	72306	23.027	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	180303	21.564	ug/l	100
20) Methylene Chloride	2.788	84	61893	21.865	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	57421	20.653	ug/l	96
22) Diisopropyl ether	3.764	45	167383	22.611	ug/l	90
23) Vinyl Acetate	3.721	43	696992	112.736	ug/l	99
24) 1,1-Dichloroethane	3.611	63	102192	22.312	ug/l	99
25) 2-Butanone	4.556	43	219451	112.048	ug/l	100
26) 2,2-Dichloropropane	4.477	77	52340	13.929	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	68159	20.557	ug/l	92
28) Bromochloromethane	4.898	49	42113	22.851	ug/l	99
29) Tetrahydrofuran	5.013	42	144451	115.012	ug/l	96
30) Chloroform	5.099	83	109480	21.561	ug/l	96
31) Cyclohexane	5.477	56	86874	21.672	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	92220	20.057	ug/l	99
36) 1,1-Dichloropropene	5.696	75	78992	19.803	ug/l	100
37) Ethyl Acetate	4.715	43	83281	21.543	ug/l	99
38) Carbon Tetrachloride	5.678	117	79451	17.429	ug/l	99
39) Methylcyclohexane	7.379	83	92154	18.689	ug/l	94
40) Benzene	6.044	78	239323	20.257	ug/l	99

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41) Methacrylonitrile	4.928	41	44378	21.254	ug/l	97
42) 1,2-Dichloroethane	6.093	62	81583	20.363	ug/l	97
43) Isopropyl Acetate	6.342	43	118674	19.623	ug/l	99
44) Trichloroethene	7.129	130	66484	18.541	ug/l	95
45) 1,2-Dichloropropane	7.434	63	58608	20.586	ug/l	96
46) Dibromomethane	7.586	93	43381	19.560	ug/l	94
47) Bromodichloromethane	7.824	83	80799	18.480	ug/l	99
48) Methyl methacrylate	7.696	41	60271	20.488	ug/l	95
49) 1,4-Dioxane	7.671	88	34699	385.464	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	420016	104.418	ug/l	98
52) Toluene	8.720	92	156327	19.809	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	72705	16.180	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	85176	17.324	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	65239	19.867	ug/l	99
56) Ethyl methacrylate	9.116	69	91607	19.654	ug/l	97
57) 1,3-Dichloropropane	9.311	76	104003	19.870	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.245	63	208761	94.514	ug/l	97
59) 2-Hexanone	9.433	43	321122	102.581	ug/l	96
60) Dibromochloromethane	9.525	129	60795	16.267	ug/l	96
61) 1,2-Dibromoethane	9.610	107	68305	19.232	ug/l	98
64) Tetrachloroethene	9.275	164	59133	18.474	ug/l	96
65) Chlorobenzene	10.080	112	167452	19.175	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	60493	17.970	ug/l	97
67) Ethyl Benzene	10.195	91	293502	20.002	ug/l	95
68) m/p-Xylenes	10.305	106	230155	39.056	ug/l	99
69) o-Xylene	10.640	106	112962	19.396	ug/l	98
70) Styrene	10.659	104	188658	19.464	ug/l	99
71) Bromoform	10.799	173	41060	14.128	ug/l #	100
73) Isopropylbenzene	10.964	105	298444	21.326	ug/l	98
74) N-amyl acetate	10.848	43	93210	20.570	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	100911	21.390	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	87123m	20.638	ug/l	
77) Bromobenzene	11.201	156	68868	18.451	ug/l	96
78) n-propylbenzene	11.305	91	330506	21.235	ug/l	100
79) 2-Chlorotoluene	11.366	91	207488	21.090	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	251778	21.016	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	20479	14.232	ug/l #	85
82) 4-Chlorotoluene	11.457	91	234626	20.833	ug/l	100
83) tert-Butylbenzene	11.720	119	242437	19.799	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	251171	21.003	ug/l	99
85) sec-Butylbenzene	11.890	105	304357	21.171	ug/l	98
86) p-Isopropyltoluene	12.012	119	253863	20.198	ug/l	99
87) 1,3-Dichlorobenzene	11.970	146	133056	18.914	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	135652	18.713	ug/l	97
89) n-Butylbenzene	12.335	91	201258	19.733	ug/l	99
90) Hexachloroethane	12.543	117	37020	16.200	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	133654	19.288	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21459	20.372	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	76519	17.707	ug/l	96
94) Hexachlorobutadiene	13.725	225	31258	16.917	ug/l	94
95) Naphthalene	13.774	128	286570	20.738	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	78743	18.453	ug/l	96

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

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