

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
 Data File : VX029590.D
 Acq On : 18 Jun 2022 23:58
 Operator : JC/MD
 Sample : VX0618WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBS02

Quant Time: Jun 20 07:55:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/23/2022
 Supervised By :Mahesh Dadoda 06/23/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	281847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	500917	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	457900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	216321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	179819	48.197	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.400%		
35) Dibromofluoromethane	5.391	113	157793	48.337	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.680%		
50) Toluene-d8	8.653	98	593184	49.741	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.480%		
62) 4-Bromofluorobenzene	11.079	95	224667	49.957	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.920%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	72835	21.339	ug/l	100
3) Chloromethane	1.294	50	69214	18.823	ug/l	100
4) Vinyl Chloride	1.373	62	68246	20.159	ug/l	98
5) Bromomethane	1.611	94	35279	20.425	ug/l	92
6) Chloroethane	1.691	64	37829	16.263	ug/l	96
7) Trichlorofluoromethane	1.886	101	100116	21.227	ug/l	97
8) Diethyl Ether	2.136	74	39723	21.377	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	60474	20.448	ug/l	98
10) Methyl Iodide	2.453	142	43015	15.006	ug/l	97
11) Tert butyl alcohol	3.001	59	67722m	76.887	ug/l	
12) 1,1-Dichloroethene	2.318	96	60309	21.121	ug/l	96
13) Acrolein	2.239	56	19416	94.472	ug/l	95
14) Allyl chloride	2.666	41	94756	20.553	ug/l	94
15) Acrylonitrile	3.068	53	181477	103.994	ug/l	99
16) Acetone	2.392	43	151952	102.180	ug/l	97
17) Carbon Disulfide	2.514	76	149446	20.188	ug/l	98
18) Methyl Acetate	2.709	43	80274	20.417	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	211970	21.383	ug/l	99
20) Methylene Chloride	2.788	84	66480	20.072	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	63814	20.447	ug/l	95
22) Diisopropyl ether	3.763	45	196117	21.504	ug/l	91
23) Vinyl Acetate	3.727	43	820824	107.808	ug/l	99
24) 1,1-Dichloroethane	3.611	63	112746	20.556	ug/l	99
25) 2-Butanone	4.562	43	248029	105.518	ug/l	97
26) 2,2-Dichloropropane	4.483	77	70030	16.405	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	75058	20.586	ug/l	95
28) Bromochloromethane	4.903	49	47098	22.476	ug/l	99
29) Tetrahydrofuran	5.013	42	166214	106.103	ug/l	95
30) Chloroform	5.098	83	120803	20.813	ug/l	99
31) Cyclohexane	5.476	56	103852	20.734	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	107900	21.076	ug/l	98
36) 1,1-Dichloropropene	5.696	75	88993	20.142	ug/l	99
37) Ethyl Acetate	4.714	43	95470	21.081	ug/l	99
38) Carbon Tetrachloride	5.684	117	89126	20.513	ug/l	99
39) Methylcyclohexane	7.385	83	107870	19.583	ug/l	96
40) Benzene	6.043	78	269362	20.567	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	51483	21.577	ug/l	95
42) 1,2-Dichloroethane	6.092	62	89577	19.897	ug/l	99
43) Isopropyl Acetate	6.342	43	146174	20.757	ug/l	100
44) Trichloroethene	7.129	130	74883	19.488	ug/l	99
45) 1,2-Dichloropropane	7.433	63	65931	20.527	ug/l	99
46) Dibromomethane	7.586	93	47059	20.384	ug/l	93
47) Bromodichloromethane	7.824	83	91309	20.525	ug/l	99
48) Methyl methacrylate	7.696	41	71361	20.667	ug/l	92
49) 1,4-Dioxane	7.689	88	36731	412.600	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	478168	105.345	ug/l	97
52) Toluene	8.720	92	175396	20.915	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	89859	19.989	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	100829	20.030	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	70040	20.656	ug/l	97
56) Ethyl methacrylate	9.122	69	109329	21.343	ug/l	95
57) 1,3-Dichloropropane	9.311	76	114974	20.359	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	217917	90.541	ug/l	96
59) 2-Hexanone	9.433	43	369674	107.552	ug/l	96
60) Dibromochloromethane	9.524	129	69226	21.028	ug/l	95
61) 1,2-Dibromoethane	9.610	107	74157	21.095	ug/l	99
64) Tetrachloroethene	9.275	164	66217	19.996	ug/l	96
65) Chlorobenzene	10.079	112	185135	20.609	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	65000	20.148	ug/l	99
67) Ethyl Benzene	10.195	91	332289	20.559	ug/l	98
68) m/p-Xylenes	10.305	106	259114	41.108	ug/l	98
69) o-Xylene	10.640	106	128530	20.639	ug/l	99
70) Styrene	10.658	104	212313	20.822	ug/l	99
71) Bromoform	10.799	173	46473	20.317	ug/l #	100
73) Isopropylbenzene	10.963	105	333069	20.535	ug/l	99
74) N-amyl acetate	10.847	43	118833	21.095	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	108041	20.604	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	95734m	20.315	ug/l	
77) Bromobenzene	11.201	156	75591	20.421	ug/l	95
78) n-propylbenzene	11.305	91	371555	20.340	ug/l	99
79) 2-Chlorotoluene	11.366	91	227431	20.107	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	279502	20.462	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	24559	17.337	ug/l	88
82) 4-Chlorotoluene	11.457	91	261724	20.290	ug/l	100
83) tert-Butylbenzene	11.713	119	276818	20.785	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	280259	20.572	ug/l	99
85) sec-Butylbenzene	11.890	105	338248	20.492	ug/l	99
86) p-Isopropyltoluene	12.012	119	283463	20.510	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	144132	20.440	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	144662	20.547	ug/l	97
89) n-Butylbenzene	12.335	91	228262	19.569	ug/l	99
90) Hexachloroethane	12.542	117	38469	19.439	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	144948	20.911	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22646	19.490	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	83327	19.713	ug/l	97
94) Hexachlorobutadiene	13.725	225	34245	19.788	ug/l	93
95) Naphthalene	13.774	128	322236	21.236	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	84901	20.055	ug/l	95

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

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