

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
 Data File : VX029566.D
 Acq On : 18 Jun 2022 13:53
 Operator : JC/MD
 Sample : VX0618WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBS01

Quant Time: Jun 20 01:32:50 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	251814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	436238	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	385983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	188828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	167564	50.269	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.540%			
35) Dibromofluoromethane	5.385	113	144042	50.667	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.340%			
50) Toluene-d8	8.647	98	532972	51.318	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.640%			
62) 4-Bromofluorobenzene	11.079	95	200599	51.218	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.440%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	64568	21.173	ug/l	98
3) Chloromethane	1.288	50	63572	19.351	ug/l	98
4) Vinyl Chloride	1.374	62	60300	19.936	ug/l	99
5) Bromomethane	1.611	94	33334	21.601	ug/l	99
6) Chloroethane	1.685	64	34201	16.458	ug/l	97
7) Trichlorofluoromethane	1.886	101	82064	19.474	ug/l	98
8) Diethyl Ether	2.136	74	34348	20.689	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	51553	19.510	ug/l	100
10) Methyl Iodide	2.453	142	44594	16.928	ug/l	96
11) Tert butyl alcohol	2.983	59	78522	102.643	ug/l	94
12) 1,1-Dichloroethene	2.319	96	50541	19.811	ug/l	99
13) Acrolein	2.239	56	17810	96.993	ug/l	99
14) Allyl chloride	2.660	41	81830	19.867	ug/l	96
15) Acrylonitrile	3.068	53	159196	102.106	ug/l	100
16) Acetone	2.386	43	125931	94.782	ug/l	98
17) Carbon Disulfide	2.508	76	127075	19.214	ug/l	100
18) Methyl Acetate	2.703	43	71504	20.355	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	181199	20.459	ug/l	100
20) Methylene Chloride	2.788	84	58208	19.670	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	55100	19.761	ug/l	95
22) Diisopropyl ether	3.757	45	167390	20.543	ug/l #	82
23) Vinyl Acetate	3.721	43	709897	104.359	ug/l	98
24) 1,1-Dichloroethane	3.611	63	97741	19.946	ug/l	99
25) 2-Butanone	4.556	43	210711	100.333	ug/l	97
26) 2,2-Dichloropropane	4.477	77	72131	18.912	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	65101	19.985	ug/l	96
28) Bromochloromethane	4.903	49	37359	19.955	ug/l	99
29) Tetrahydrofuran	5.007	42	140549	100.420	ug/l	94
30) Chloroform	5.092	83	104053	20.065	ug/l	97
31) Cyclohexane	5.470	56	88563	19.790	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	90368	19.757	ug/l	98
36) 1,1-Dichloropropene	5.696	75	74953	19.480	ug/l	99
37) Ethyl Acetate	4.714	43	82773	20.987	ug/l	100
38) Carbon Tetrachloride	5.678	117	73817	19.509	ug/l	97
39) Methylcyclohexane	7.379	83	95987	20.009	ug/l	95
40) Benzene	6.037	78	226051	19.820	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	44234	21.288	ug/l	94
42) 1,2-Dichloroethane	6.086	62	78816	20.102	ug/l	99
43) Isopropyl Acetate	6.342	43	125444	20.454	ug/l	98
44) Trichloroethene	7.129	130	62951	18.772	ug/l	98
45) 1,2-Dichloropropane	7.427	63	56231	20.102	ug/l	99
46) Dibromomethane	7.586	93	40140	19.965	ug/l	94
47) Bromodichloromethane	7.824	83	78420	20.242	ug/l	98
48) Methyl methacrylate	7.696	41	60908	20.255	ug/l	93
49) 1,4-Dioxane	7.683	88	32704	421.832	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	407521	103.093	ug/l	98
52) Toluene	8.720	92	144972	19.850	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	77580	19.816	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	88536	20.196	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	59606	20.185	ug/l	97
56) Ethyl methacrylate	9.116	69	92297	20.689	ug/l	94
57) 1,3-Dichloropropane	9.311	76	99934	20.319	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	210557	100.454	ug/l	97
59) 2-Hexanone	9.433	43	311757	104.150	ug/l	96
60) Dibromochloromethane	9.525	129	57830	20.171	ug/l	96
61) 1,2-Dibromoethane	9.610	107	63670	20.797	ug/l	99
64) Tetrachloroethene	9.275	164	54897	19.667	ug/l	96
65) Chlorobenzene	10.079	112	153452	20.265	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	54460	20.027	ug/l	100
67) Ethyl Benzene	10.195	91	276407	20.288	ug/l	98
68) m/p-Xylenes	10.299	106	215822	40.620	ug/l	98
69) o-Xylene	10.640	106	106848	20.354	ug/l	99
70) Styrene	10.659	104	175427	20.410	ug/l	98
71) Bromoform	10.799	173	40376	20.941	ug/l #	99
73) Isopropylbenzene	10.963	105	275925	19.489	ug/l	98
74) N-amyl acetate	10.841	43	99655	20.266	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	91416	19.971	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	84158m	20.458	ug/l	
77) Bromobenzene	11.201	156	63801	19.745	ug/l	96
78) n-propylbenzene	11.305	91	313355	19.651	ug/l	99
79) 2-Chlorotoluene	11.366	91	192554	19.502	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	239893	20.119	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	23370	18.900	ug/l	89
82) 4-Chlorotoluene	11.457	91	218423	19.399	ug/l	100
83) tert-Butylbenzene	11.713	119	228484	19.653	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	238324	20.041	ug/l	98
85) sec-Butylbenzene	11.890	105	292268	20.285	ug/l	98
86) p-Isopropyltoluene	12.012	119	242497	20.101	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	120495	19.576	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	122134	19.873	ug/l	97
89) n-Butylbenzene	12.335	91	203638	20.000	ug/l	98
90) Hexachloroethane	12.542	117	33487	19.385	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	121641	20.104	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	19957	19.677	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	74575	20.212	ug/l	98
94) Hexachlorobutadiene	13.725	225	29815	19.737	ug/l	95
95) Naphthalene	13.780	128	270563	20.427	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	74329	20.114	ug/l	93

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

