

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062922\
 Data File : VX029852.D
 Acq On : 29 Jun 2022 10:57
 Operator : JC/MD
 Sample : VX0629WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022

Quant Time: Jun 29 15:00:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	232073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	407971	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	361301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	170439	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	143795	48.949	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.900%		
35) Dibromofluoromethane	5.391	113	128168	50.270	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.540%		
50) Toluene-d8	8.653	98	495511	51.806	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.620%		
62) 4-Bromofluorobenzene	11.079	95	173779	51.399	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.800%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	48007	21.213	ug/l	98
3) Chloromethane	1.288	50	51457	19.734	ug/l	100
4) Vinyl Chloride	1.374	62	53445	20.608	ug/l	97
5) Bromomethane	1.611	94	26084	18.255	ug/l	97
6) Chloroethane	1.685	64	28850	16.991	ug/l	99
7) Trichlorofluoromethane	1.886	101	66797	20.065	ug/l	99
8) Diethyl Ether	2.136	74	30634	20.529	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	45901	19.722	ug/l	99
10) Methyl Iodide	2.453	142	58761	19.609	ug/l	98
11) Tert butyl alcohol	2.989	59	78924	102.730	ug/l	100
12) 1,1-Dichloroethene	2.319	96	47034	19.679	ug/l	97
13) Acrolein	2.239	56	36925	99.438	ug/l	99
14) Allyl chloride	2.666	41	83940	19.030	ug/l	99
15) Acrylonitrile	3.069	53	176291	98.291	ug/l	99
16) Acetone	2.386	43	136234	94.792	ug/l	97
17) Carbon Disulfide	2.514	76	111236	18.718	ug/l	99
18) Methyl Acetate	2.709	43	83950	18.947	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	158392	19.629	ug/l	98
20) Methylene Chloride	2.788	84	55775	18.376	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	48884	18.648	ug/l	96
22) Diisopropyl ether	3.764	45	172967	19.405	ug/l	98
23) Vinyl Acetate	3.727	43	761213	98.743	ug/l	100
24) 1,1-Dichloroethane	3.611	63	91242	19.410	ug/l	99
25) 2-Butanone	4.562	43	238278	95.522	ug/l	98
26) 2,2-Dichloropropane	4.477	77	63576	20.606	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	61418	19.844	ug/l	98
28) Bromochloromethane	4.897	49	37544	19.927	ug/l	97
29) Tetrahydrofuran	5.013	42	161865	98.603	ug/l	99
30) Chloroform	5.099	83	89282	19.369	ug/l	99
31) Cyclohexane	5.471	56	82207	20.070	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	70298	19.152	ug/l	99
36) 1,1-Dichloropropene	5.696	75	64672	19.072	ug/l	98
37) Ethyl Acetate	4.721	43	91030	19.628	ug/l	99
38) Carbon Tetrachloride	5.684	117	57327	19.510	ug/l	95
39) Methylcyclohexane	7.385	83	82921	20.224	ug/l	94
40) Benzene	6.044	78	217616	19.846	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	48715	19.759	ug/l	97
42) 1,2-Dichloroethane	6.092	62	67617	20.093	ug/l	100
43) Isopropyl Acetate	6.342	43	138696	19.860	ug/l	99
44) Trichloroethene	7.129	130	57029	19.312	ug/l	100
45) 1,2-Dichloropropane	7.434	63	55107	19.025	ug/l	98
46) Dibromomethane	7.586	93	37681	19.886	ug/l	98
47) Bromodichloromethane	7.824	83	65358	19.243	ug/l	98
48) Methyl methacrylate	7.696	41	66698	20.143	ug/l	99
49) 1,4-Dioxane	7.684	88	30158	384.622	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	459846	99.854	ug/l	100
52) Toluene	8.720	92	131354	19.852	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	72396	20.002	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	80943	19.790	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	56062	19.448	ug/l	94
56) Ethyl methacrylate	9.122	69	91310	20.090	ug/l	98
57) 1,3-Dichloropropane	9.311	76	93013	20.056	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	199198	91.850	ug/l	100
59) 2-Hexanone	9.433	43	356965	99.882	ug/l	100
60) Dibromochloromethane	9.525	129	49752	19.534	ug/l	100
61) 1,2-Dibromoethane	9.610	107	58682	19.921	ug/l	99
64) Tetrachloroethene	9.275	164	43355	19.894	ug/l	97
65) Chlorobenzene	10.079	112	140815	19.416	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	46329	19.118	ug/l	98
67) Ethyl Benzene	10.195	91	250571	19.863	ug/l	99
68) m/p-Xylenes	10.305	106	191785	39.640	ug/l	100
69) o-Xylene	10.646	106	94925	19.370	ug/l	97
70) Styrene	10.659	104	158068	19.513	ug/l	99
71) Bromoform	10.805	173	33960	19.647	ug/l #	99
73) Isopropylbenzene	10.963	105	243175	19.718	ug/l	100
74) N-amyl acetate	10.842	43	118041	19.332	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	93161	19.188	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	80940m	19.838	ug/l	
77) Bromobenzene	11.201	156	57596	19.416	ug/l	99
78) n-propylbenzene	11.305	91	284156	19.536	ug/l	100
79) 2-Chlorotoluene	11.366	91	167404	19.358	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	197820	19.322	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	26321	20.487	ug/l	99
82) 4-Chlorotoluene	11.457	91	188124	19.095	ug/l	98
83) tert-Butylbenzene	11.719	119	195986	19.315	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	202971	19.790	ug/l	100
85) sec-Butylbenzene	11.890	105	244790	19.145	ug/l	100
86) p-Isopropyltoluene	12.012	119	197211	19.324	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	107946	18.953	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	110764	19.060	ug/l	100
89) n-Butylbenzene	12.335	91	177087	18.460	ug/l	99
90) Hexachloroethane	12.542	117	29488	17.713	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	109710	19.608	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	19233	18.957	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	65649	19.362	ug/l	95
94) Hexachlorobutadiene	13.725	225	22362	17.828	ug/l	95
95) Naphthalene	13.774	128	268949	19.537	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	66761	19.233	ug/l	99

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

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