

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060222\
 Data File : VX029166.D
 Acq On : 03 Jun 2022 04:22
 Operator : JC/MD
 Sample : VX0602WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0602WBSD02

Quant Time: Jun 03 06:29:15 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	268257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	460459	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	422219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	201546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	166351	54.992	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.980%			
35) Dibromofluoromethane	5.391	113	146109	47.772	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 95.540%			
50) Toluene-d8	8.653	98	544018	48.633	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.260%			
62) 4-Bromofluorobenzene	11.079	95	202228	46.768	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 93.540%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	54077	23.185	ug/l	98
3) Chloromethane	1.288	50	52215	21.395	ug/l	98
4) Vinyl Chloride	1.374	62	55387	20.637	ug/l	99
5) Bromomethane	1.605	94	28309	20.507	ug/l	100
6) Chloroethane	1.685	64	35530	16.913	ug/l	94
7) Trichlorofluoromethane	1.886	101	89155	21.374	ug/l	99
8) Diethyl Ether	2.136	74	32575	20.377	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	52323	21.150	ug/l	99
10) Methyl Iodide	2.453	142	60295	22.428	ug/l	98
11) Tert butyl alcohol	2.959	59	94042	134.202	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	52722	21.806	ug/l	94
13) Acrolein	2.239	56	20949	65.980	ug/l	99
14) Allyl chloride	2.666	41	77377	21.309	ug/l	96
15) Acrylonitrile	3.062	53	170361	118.072	ug/l	100
16) Acetone	2.380	43	137915	115.782	ug/l	96
17) Carbon Disulfide	2.514	76	118098	17.809	ug/l	98
18) Methyl Acetate	2.703	43	73937	24.000	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	183747	22.400	ug/l	98
20) Methylene Chloride	2.788	84	61916	22.295	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	58742	21.536	ug/l	97
22) Diisopropyl ether	3.763	45	170176	23.431	ug/l	95
23) Vinyl Acetate	3.721	43	704764	116.191	ug/l	99
24) 1,1-Dichloroethane	3.611	63	103088	22.942	ug/l	98
25) 2-Butanone	4.556	43	223363	116.245	ug/l	96
26) 2,2-Dichloropropane	4.483	77	53105	14.405	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	68765	21.139	ug/l	92
28) Bromochloromethane	4.903	49	40198	22.233	ug/l	97
29) Tetrahydrofuran	5.007	42	148926	120.862	ug/l	96
30) Chloroform	5.099	83	110644	22.211	ug/l	98
31) Cyclohexane	5.477	56	88590	22.527	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	94883	21.034	ug/l	98
36) 1,1-Dichloropropene	5.696	75	79035	20.083	ug/l	99
37) Ethyl Acetate	4.721	43	81582	21.390	ug/l	98
38) Carbon Tetrachloride	5.678	117	79598	17.699	ug/l	98
39) Methylcyclohexane	7.385	83	92731	19.062	ug/l	96
40) Benzene	6.043	78	243544	20.895	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	44898	21.795	ug/l	97
42) 1,2-Dichloroethane	6.092	62	83461	21.115	ug/l	98
43) Isopropyl Acetate	6.342	43	120322	20.165	ug/l	99
44) Trichloroethene	7.129	130	66296	18.747	ug/l	98
45) 1,2-Dichloropropane	7.433	63	59423	21.155	ug/l	98
46) Dibromomethane	7.586	93	43547	19.901	ug/l	95
47) Bromodichloromethane	7.824	83	81083	18.797	ug/l	99
48) Methyl methacrylate	7.696	41	61268	21.109	ug/l	96
49) 1,4-Dioxane	7.671	88	36009	405.449	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	424199	106.890	ug/l	98
52) Toluene	8.720	92	159029	20.425	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	74725	16.855	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	86049	17.739	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	64179	19.810	ug/l	96
56) Ethyl methacrylate	9.116	69	92867	20.194	ug/l	97
57) 1,3-Dichloropropane	9.311	76	108405	20.993	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	214750	98.546	ug/l	96
59) 2-Hexanone	9.433	43	325176	105.286	ug/l	97
60) Dibromochloromethane	9.525	129	61548	16.692	ug/l	96
61) 1,2-Dibromoethane	9.610	107	68150	19.449	ug/l	99
64) Tetrachloroethene	9.275	164	59849	18.826	ug/l	97
65) Chlorobenzene	10.079	112	168095	19.380	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	60725	18.162	ug/l	99
67) Ethyl Benzene	10.195	91	294755	20.225	ug/l	99
68) m/p-Xylenes	10.305	106	232996	39.809	ug/l	99
69) o-Xylene	10.646	106	113036	19.541	ug/l	98
70) Styrene	10.659	104	191266	19.868	ug/l	99
71) Bromoform	10.799	173	41963	14.537	ug/l #	100
73) Isopropylbenzene	10.963	105	301256	22.243	ug/l	98
74) N-amyl acetate	10.848	43	96695	22.048	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	101917	22.322	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	90455m	22.140	ug/l	
77) Bromobenzene	11.201	156	69151	19.143	ug/l	95
78) n-propylbenzene	11.305	91	337396	22.398	ug/l	100
79) 2-Chlorotoluene	11.366	91	210201	22.076	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	255584	22.042	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	20964	15.054	ug/l #	84
82) 4-Chlorotoluene	11.457	91	240758	22.089	ug/l	99
83) tert-Butylbenzene	11.719	119	246869	20.831	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	254000	21.946	ug/l	99
85) sec-Butylbenzene	11.890	105	306149	22.004	ug/l	99
86) p-Isopropyltoluene	12.012	119	254821	20.948	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	132635	19.481	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	136261	19.422	ug/l	98
89) n-Butylbenzene	12.335	91	205581	20.826	ug/l	99
90) Hexachloroethane	12.542	117	37570	16.987	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	136815	20.400	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21388	20.980	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	80498	19.247	ug/l	98
94) Hexachlorobutadiene	13.725	225	32054	17.962	ug/l	95
95) Naphthalene	13.780	128	295421	22.089	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	82330	19.935	ug/l	95

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

