

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060123\
 Data File : VX035956.D
 Acq On : 01 Jun 2023 13:50
 Operator : JC/MD
 Sample : VX0601WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0601WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/02/2023
 Supervised By : Semsettin Yesilyurt 06/02/2023

Quant Time: Jun 02 01:40:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	230546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	394490	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	353424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	172768	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	177510	47.415	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.840%		
35) Dibromofluoromethane	5.385	113	130950	49.353	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.700%		
50) Toluene-d8	8.647	98	484874	50.918	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.840%		
62) 4-Bromofluorobenzene	11.079	95	192817	51.293	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.580%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	52500	20.842	ug/l	97
3) Chloromethane	1.294	50	51722	17.965	ug/l	100
4) Vinyl Chloride	1.374	62	50156	18.546	ug/l	100
5) Bromomethane	1.611	94	31640	17.763	ug/l	99
6) Chloroethane	1.691	64	31314	19.664	ug/l	96
7) Trichlorofluoromethane	1.886	101	77276	20.306	ug/l	97
8) Diethyl Ether	2.130	74	29364	17.767	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	48571	20.564	ug/l	100
10) Methyl Iodide	2.453	142	46934	16.881	ug/l	98
11) Tert butyl alcohol	3.026	59	63110	94.923	ug/l	99
12) 1,1-Dichloroethene	2.319	96	43648	18.871	ug/l	97
13) Acrolein	2.239	56	49496	77.286	ug/l	99
14) Allyl chloride	2.660	41	87211	18.343	ug/l	100
15) Acrylonitrile	3.068	53	146851	94.009	ug/l	99
16) Acetone	2.398	43	167892	108.703	ug/l	100
17) Carbon Disulfide	2.514	76	101874	17.578	ug/l	99
18) Methyl Acetate	2.709	43	115482	19.233	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	173251	19.122	ug/l	98
20) Methylene Chloride	2.788	84	51944	17.459	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	47055	17.797	ug/l	95
22) Diisopropyl ether	3.757	45	174862	18.908	ug/l	98
23) Vinyl Acetate	3.721	43	621692	95.683	ug/l	99
24) 1,1-Dichloroethane	3.605	63	95346	18.589	ug/l	99
25) 2-Butanone	4.568	43	225665	102.083	ug/l	100
26) 2,2-Dichloropropane	4.471	77	78071	19.968	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	58312	18.376	ug/l	97
28) Bromochloromethane	4.897	49	51643	19.226	ug/l	94
29) Tetrahydrofuran	5.013	42	138943	97.535	ug/l	99
30) Chloroform	5.086	83	99483	18.830	ug/l	99
31) Cyclohexane	5.464	56	82905	21.151	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	86332	19.337	ug/l	98
36) 1,1-Dichloropropene	5.690	75	71946	20.337	ug/l	99
37) Ethyl Acetate	4.708	43	79551	20.191	ug/l	99
38) Carbon Tetrachloride	5.672	117	71718	20.802	ug/l	98
39) Methylcyclohexane	7.379	83	84545	22.904	ug/l	98
40) Benzene	6.037	78	209524	19.733	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	44631	19.968	ug/l	96
42) 1,2-Dichloroethane	6.086	62	82696	19.667	ug/l	97
43) Isopropyl Acetate	6.336	43	128092	19.772	ug/l	98
44) Trichloroethene	7.123	130	54126	19.651	ug/l	97
45) 1,2-Dichloropropane	7.427	63	54901	19.645	ug/l	99
46) Dibromomethane	7.580	93	38178	19.666	ug/l	97
47) Bromodichloromethane	7.818	83	70900	19.416	ug/l	99
48) Methyl methacrylate	7.690	41	63690	20.047	ug/l	94
49) 1,4-Dioxane	7.726	88	29409	404.183	ug/l #	79
51) 4-Methyl-2-Pentanone	8.574	43	408986	103.424	ug/l	98
52) Toluene	8.720	92	133933	20.064	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	75091	19.453	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	84425	19.805	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	54230	19.499	ug/l	98
56) Ethyl methacrylate	9.116	69	82321	19.798	ug/l	97
57) 1,3-Dichloropropane	9.305	76	92117	19.246	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	176396	80.963	ug/l	99
59) 2-Hexanone	9.433	43	322732	110.390	ug/l	99
60) Dibromochloromethane	9.518	129	51574	19.102	ug/l	98
61) 1,2-Dibromoethane	9.610	107	56422	19.844	ug/l	99
64) Tetrachloroethene	9.275	164	44497	20.035	ug/l	98
65) Chlorobenzene	10.079	112	141281	19.811	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	50321	20.063	ug/l	99
67) Ethyl Benzene	10.195	91	259077	20.413	ug/l	98
68) m/p-Xylenes	10.299	106	199617	41.457	ug/l	96
69) o-Xylene	10.640	106	97800	20.213	ug/l	96
70) Styrene	10.652	104	161353	20.638	ug/l	98
71) Bromoform	10.799	173	33673	19.385	ug/l #	98
73) Isopropylbenzene	10.963	105	251880	20.062	ug/l	98
74) N-amyl acetate	10.841	43	106987	19.551	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	84395	19.651	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	72160m	18.518	ug/l	
77) Bromobenzene	11.195	156	58409	18.813	ug/l	98
78) n-propylbenzene	11.305	91	295265	20.837	ug/l	98
79) 2-Chlorotoluene	11.366	91	181598	19.678	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	214412	20.256	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	21091	18.231	ug/l	98
82) 4-Chlorotoluene	11.451	91	212337	20.047	ug/l	98
83) tert-Butylbenzene	11.713	119	205435	20.315	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	217465	20.019	ug/l	100
85) sec-Butylbenzene	11.890	105	257572	21.474	ug/l	99
86) p-Isopropyltoluene	12.006	119	218929	21.348	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	113275	19.917	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	114932	19.183	ug/l	100
89) n-Butylbenzene	12.329	91	188902	21.803	ug/l	99
90) Hexachloroethane	12.536	117	31732	19.513	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	112524	19.875	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18342	20.695	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	66655	20.231	ug/l	98
94) Hexachlorobutadiene	13.725	225	27933	22.287	ug/l	96
95) Naphthalene	13.774	128	236669	20.639	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	66369	20.422	ug/l	100

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

