

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061323\
 Data File : VX036134.D
 Acq On : 13 Jun 2023 10:48
 Operator : JC/MD
 Sample : VX0613WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613WBS01

Quant Time: Jun 14 00:51:34 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

Manual Integrations APPROVED

Reviewed By : John Carlone 06/14/2023
 Supervised By : Mahesh Dadoda 06/14/2023

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	193545	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	343080	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	317446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	161058	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	171187	54.468	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.940%			
35) Dibromofluoromethane	5.379	113	116449	50.465	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.920%			
50) Toluene-d8	8.647	98	409049	49.393	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.780%			
62) 4-Bromofluorobenzene	11.079	95	172698	52.825	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.660%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	37687	17.822	ug/l	97
3) Chloromethane	1.294	50	39371	16.289	ug/l	98
4) Vinyl Chloride	1.374	62	37813	16.655	ug/l	97
5) Bromomethane	1.617	94	24528	16.403	ug/l	96
6) Chloroethane	1.691	64	24569	18.378	ug/l	98
7) Trichlorofluoromethane	1.886	101	61065	19.114	ug/l	95
8) Diethyl Ether	2.130	74	24558	17.700	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	37668	18.997	ug/l	99
10) Methyl Iodide	2.453	142	36789	15.762	ug/l	97
11) Tert butyl alcohol	3.026	59	54970	98.486	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	33342	17.172	ug/l	95
13) Acrolein	2.239	56	41128	76.497	ug/l	98
14) Allyl chloride	2.660	41	71968	18.030	ug/l	98
15) Acrylonitrile	3.068	53	128014	97.617	ug/l	100
16) Acetone	2.398	43	123523	95.265	ug/l	99
17) Carbon Disulfide	2.514	76	70900	14.572	ug/l	99
18) Methyl Acetate	2.709	43	102392	20.313	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	149871	19.704	ug/l	100
20) Methylene Chloride	2.788	84	43526	17.427	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	38646	17.411	ug/l	97
22) Diisopropyl ether	3.757	45	155165	19.986	ug/l	98
23) Vinyl Acetate	3.721	43	538953	98.806	ug/l	100
24) 1,1-Dichloroethane	3.605	63	82634	19.190	ug/l	97
25) 2-Butanone	4.568	43	184906	99.635	ug/l	99
26) 2,2-Dichloropropane	4.464	77	65842	20.060	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	47295	17.754	ug/l	97
28) Bromochloromethane	4.891	49	56624	25.111	ug/l	100
29) Tetrahydrofuran	5.007	42	117933	98.613	ug/l	98
30) Chloroform	5.086	83	88789	20.019	ug/l	95
31) Cyclohexane	5.464	56	58995	17.928	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	73384	19.579	ug/l	99
36) 1,1-Dichloropropene	5.690	75	56661	18.416	ug/l	100
37) Ethyl Acetate	4.714	43	73180	21.357	ug/l	99
38) Carbon Tetrachloride	5.672	117	57843	19.292	ug/l	98
39) Methylcyclohexane	7.372	83	59540	18.547	ug/l	97
40) Benzene	6.037	78	170359	18.449	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	42087	21.652	ug/l	99
42) 1,2-Dichloroethane	6.080	62	78744	21.534	ug/l	99
43) Isopropyl Acetate	6.336	43	115234	20.453	ug/l	99
44) Trichloroethene	7.123	130	41594	17.364	ug/l	99
45) 1,2-Dichloropropane	7.427	63	46801	19.256	ug/l	92
46) Dibromomethane	7.580	93	33234	19.685	ug/l	99
47) Bromodichloromethane	7.818	83	64182	20.210	ug/l	99
48) Methyl methacrylate	7.690	41	57928	20.966	ug/l	98
49) 1,4-Dioxane	7.726	88	23324	368.589	ug/l	96
51) 4-Methyl-2-Pentanone	8.567	43	379516	110.353	ug/l	99
52) Toluene	8.714	92	108671	18.719	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	67082	19.982	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	71995	19.420	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	47351	19.577	ug/l	97
56) Ethyl methacrylate	9.116	69	71187	19.686	ug/l	96
57) 1,3-Dichloropropane	9.305	76	82304	19.772	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	197889	104.438	ug/l	100
59) 2-Hexanone	9.427	43	280359	110.266	ug/l	97
60) Dibromochloromethane	9.518	129	44826	19.091	ug/l	98
61) 1,2-Dibromoethane	9.610	107	48207	19.496	ug/l	100
64) Tetrachloroethene	9.268	164	35015	17.553	ug/l	95
65) Chlorobenzene	10.079	112	117936	18.412	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	43774	19.431	ug/l	99
67) Ethyl Benzene	10.189	91	210558	18.470	ug/l	99
68) m/p-Xylenes	10.299	106	162523	37.579	ug/l	100
69) o-Xylene	10.640	106	78791	18.130	ug/l	98
70) Styrene	10.652	104	134563	19.162	ug/l	98
71) Bromoform	10.799	173	29057	18.624	ug/l #	99
73) Isopropylbenzene	10.963	105	208938	17.852	ug/l	99
74) N-amyl acetate	10.841	43	100351	19.671	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	74542	18.619	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	65876m	18.135	ug/l	
77) Bromobenzene	11.195	156	48867	16.884	ug/l	95
78) n-propylbenzene	11.305	91	245657	18.597	ug/l	100
79) 2-Chlorotoluene	11.360	91	157181	18.271	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	183083	18.554	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	18858	17.486	ug/l	94
82) 4-Chlorotoluene	11.451	91	184152	18.650	ug/l	100
83) tert-Butylbenzene	11.713	119	173201	18.373	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	185076	18.276	ug/l	100
85) sec-Butylbenzene	11.890	105	213467	19.090	ug/l	99
86) p-Isopropyltoluene	12.006	119	181230	18.957	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	94710	17.864	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	94606	16.939	ug/l	97
89) n-Butylbenzene	12.329	91	155084	19.202	ug/l	99
90) Hexachloroethane	12.536	117	26661	17.587	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	94060	17.822	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15923	19.272	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	52563	17.114	ug/l	99
94) Hexachlorobutadiene	13.725	225	20610	17.640	ug/l	97
95) Naphthalene	13.774	128	184595	17.268	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	52355	17.281	ug/l	98

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

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