

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011423\
 Data File : VX033722.D
 Acq On : 13 Jan 2023 15:05
 Operator : JC/MD
 Sample : VX0114WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0114WBS01

Quant Time: Jan 16 05:36:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/16/2023
 Supervised By : Mahesh Dadoda 01/16/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	176987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	252361	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	232943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	122284	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	99591	53.443	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.880%			
35) Dibromofluoromethane	5.385	113	85265	54.412	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.820%			
50) Toluene-d8	8.647	98	315911	55.331	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 110.660%			
62) 4-Bromofluorobenzene	11.079	95	116717	55.060	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	28014	20.029	ug/l	95
3) Chloromethane	1.294	50	27118	17.551	ug/l	98
4) Vinyl Chloride	1.374	62	24337	16.232	ug/l	97
5) Bromomethane	1.617	94	16549	19.211	ug/l	96
6) Chloroethane	1.691	64	19294	20.815	ug/l	96
7) Trichlorofluoromethane	1.892	101	50894	20.932	ug/l	99
8) Diethyl Ether	2.136	74	15728	19.756	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	32222	23.384	ug/l	97
10) Methyl Iodide	2.453	142	42355	21.545	ug/l	96
11) Tert butyl alcohol	3.026	59	31533	97.406	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	30318	21.053	ug/l	87
13) Acrolein	2.245	56	34057	114.021	ug/l	99
14) Allyl chloride	2.666	41	54714	20.144	ug/l	92
15) Acrylonitrile	3.068	53	88381	103.736	ug/l	99
16) Acetone	2.398	43	76556	105.902	ug/l	95
17) Carbon Disulfide	2.514	76	71512	20.729	ug/l	99
18) Methyl Acetate	2.709	43	54503	20.957	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	101223	20.238	ug/l	99
20) Methylene Chloride	2.788	84	34492	19.773	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	33005	19.605	ug/l	98
22) Diisopropyl ether	3.757	45	112177	20.527	ug/l	95
23) Vinyl Acetate	3.721	43	428499	104.156	ug/l	100
24) 1,1-Dichloroethane	3.611	63	59438	19.879	ug/l	99
25) 2-Butanone	4.568	43	124037	101.871	ug/l	97
26) 2,2-Dichloropropane	4.477	77	40977	19.133	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	38233	19.753	ug/l	100
28) Bromochloromethane	4.897	49	28433	20.877	ug/l	99
29) Tetrahydrofuran	5.013	42	81761	106.542	ug/l	98
30) Chloroform	5.092	83	61878	20.206	ug/l	99
31) Cyclohexane	5.470	56	56747	20.694	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	52583	20.111	ug/l	98
36) 1,1-Dichloropropene	5.690	75	46004	20.115	ug/l	99
37) Ethyl Acetate	4.714	43	50905	21.710	ug/l	99
38) Carbon Tetrachloride	5.678	117	47051	19.864	ug/l	97
39) Methylcyclohexane	7.379	83	58875	20.846	ug/l	98
40) Benzene	6.037	78	135818	20.375	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	28647	22.730	ug/l	99
42) 1,2-Dichloroethane	6.086	62	50011	21.170	ug/l	99
43) Isopropyl Acetate	6.342	43	73250	20.288	ug/l	99
44) Trichloroethene	7.129	130	38190	20.487	ug/l	99
45) 1,2-Dichloropropane	7.427	63	34724	20.794	ug/l	100
46) Dibromomethane	7.580	93	23957	20.539	ug/l	100
47) Bromodichloromethane	7.818	83	45753	20.354	ug/l	97
48) Methyl methacrylate	7.689	41	39394	21.660	ug/l	99
49) 1,4-Dioxane	7.732	88	17913	445.267	ug/l #	99
51) 4-Methyl-2-Pentanone	8.573	43	248046	111.866	ug/l	98
52) Toluene	8.720	92	89897	20.883	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	45287	20.146	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	51848	20.584	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	36216	21.253	ug/l	98
56) Ethyl methacrylate	9.116	69	51972	21.672	ug/l	98
57) 1,3-Dichloropropane	9.311	76	59859	21.664	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	127972	108.355	ug/l	99
59) 2-Hexanone	9.433	43	178832	115.875	ug/l	99
60) Dibromochloromethane	9.518	129	37446	21.197	ug/l	100
61) 1,2-Dibromoethane	9.610	107	37256	21.908	ug/l	96
64) Tetrachloroethene	9.275	164	34477	20.112	ug/l	96
65) Chlorobenzene	10.079	112	97938	20.309	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	35888	20.222	ug/l	99
67) Ethyl Benzene	10.195	91	172259	20.805	ug/l	99
68) m/p-Xylenes	10.299	106	136098	42.025	ug/l	99
69) o-Xylene	10.640	106	65917	20.524	ug/l	98
70) Styrene	10.652	104	109401	20.945	ug/l	99
71) Bromoform	10.799	173	28556	19.202	ug/l #	99
73) Isopropylbenzene	10.963	105	174975	20.250	ug/l	99
74) N-amyl acetate	10.841	43	63369	19.734	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	52211	20.185	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	47024m	20.929	ug/l	
77) Bromobenzene	11.195	156	46692	20.143	ug/l	99
78) n-propylbenzene	11.305	91	196656	19.708	ug/l	99
79) 2-Chlorotoluene	11.366	91	117093	19.930	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	146274	19.879	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	13296	18.392	ug/l	91
82) 4-Chlorotoluene	11.451	91	133699	19.878	ug/l	100
83) tert-Butylbenzene	11.713	119	148755	20.361	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	145033	20.837	ug/l	100
85) sec-Butylbenzene	11.890	105	181134	20.728	ug/l	100
86) p-Isopropyltoluene	12.006	119	157777	21.089	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	83365	20.176	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	83780	19.905	ug/l	99
89) n-Butylbenzene	12.335	91	119894	19.588	ug/l	98
90) Hexachloroethane	12.536	117	19283	15.669	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	72971	18.302	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8418	16.870	ug/l	84
93) 1,2,4-Trichlorobenzene	13.585	180	41174	15.331	ug/l	99
94) Hexachlorobutadiene	13.725	225	20169	15.331	ug/l	98
95) Naphthalene	13.774	128	125225	16.207	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	45123	16.791	ug/l	99

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

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