

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032723\
 Data File : VX034741.D
 Acq On : 27 Mar 2023 11:11
 Operator : JC/MD
 Sample : VX0327WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBS01

Quant Time: Mar 27 16:07:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/27/2023
 Supervised By : Semsettin Yesilyurt 03/28/2023

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	340050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	557140	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	499459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	252711	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	259404	52.436	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.880%			
35) Dibromofluoromethane	5.379	113	195910	53.258	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.520%			
50) Toluene-d8	8.647	98	685626	49.929	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.860%			
62) 4-Bromofluorobenzene	11.079	95	283078	51.035	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	78658	24.812	ug/l	99
3) Chloromethane	1.295	50	85099	16.850	ug/l	98
4) Vinyl Chloride	1.374	62	86184	19.966	ug/l	96
5) Bromomethane	1.618	94	52266	23.998	ug/l	99
6) Chloroethane	1.691	64	50984	20.514	ug/l	97
7) Trichlorofluoromethane	1.886	101	127004	19.581	ug/l	98
8) Diethyl Ether	2.130	74	51232	21.638	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	76137	20.143	ug/l	97
10) Methyl Iodide	2.453	142	91699	18.478	ug/l	92
11) Tert butyl alcohol	2.977	59	88295	85.708	ug/l	99
12) 1,1-Dichloroethene	2.319	96	69901	18.777	ug/l	94
13) Acrolein	2.233	56	64295	78.892	ug/l	99
14) Allyl chloride	2.666	41	142020	18.818	ug/l	98
15) Acrylonitrile	3.063	53	221330	99.457	ug/l	99
16) Acetone	2.380	43	199510	85.615	ug/l	95
17) Carbon Disulfide	2.514	76	167061	15.947	ug/l	99
18) Methyl Acetate	2.703	43	162569	21.351	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	285823	21.444	ug/l	97
20) Methylene Chloride	2.788	84	84013	18.576	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	75457	19.086	ug/l	95
22) Diisopropyl ether	3.751	45	291258	20.241	ug/l	94
23) Vinyl Acetate	3.715	43	1085062	99.081	ug/l	99
24) 1,1-Dichloroethane	3.605	63	150408	19.445	ug/l	99
25) 2-Butanone	4.556	43	314010	94.175	ug/l	99
26) 2,2-Dichloropropane	4.471	77	131127	19.502	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	91855	19.301	ug/l	98
28) Bromochloromethane	4.898	49	68868	19.148	ug/l	99
29) Tetrahydrofuran	5.001	42	202526	98.434	ug/l	100
30) Chloroform	5.087	83	156576	20.650	ug/l	100
31) Cyclohexane	5.465	56	135922	19.591	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	138987	20.706	ug/l	99
36) 1,1-Dichloropropene	5.690	75	113879	20.156	ug/l	99
37) Ethyl Acetate	4.709	43	123696	20.040	ug/l	98
38) Carbon Tetrachloride	5.672	117	118920	21.158	ug/l	97
39) Methylcyclohexane	7.379	83	136032	20.119	ug/l	96
40) Benzene	6.038	78	328926	19.901	ug/l	99

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41) Methacrylonitrile	4.910	41	72251	21.359	ug/l	97
42) 1,2-Dichloroethane	6.080	62	136858	22.530	ug/l	99
43) Isopropyl Acetate	6.336	43	210754	20.155	ug/l	99
44) Trichloroethene	7.123	130	86867	20.228	ug/l	97
45) 1,2-Dichloropropane	7.428	63	86923	20.141	ug/l	99
46) Dibromomethane	7.580	93	59687	20.343	ug/l	97
47) Bromodichloromethane	7.818	83	118003	20.781	ug/l	100
48) Methyl methacrylate	7.690	41	105992	21.076	ug/l	99
49) 1,4-Dioxane	7.690	88	38722	366.588	ug/l	97
51) 4-Methyl-2-Pentanone	8.568	43	628610	103.630	ug/l	100
52) Toluene	8.714	92	210226	20.544	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	131425	20.544	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	139641	20.176	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	87298	21.497	ug/l	97
56) Ethyl methacrylate	9.116	69	139188	20.875	ug/l	99
57) 1,3-Dichloropropane	9.305	76	151150	20.942	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	337130	98.109	ug/l	98
59) 2-Hexanone	9.427	43	474375	101.167	ug/l	99
60) Dibromochloromethane	9.519	129	87642	20.577	ug/l	99
61) 1,2-Dibromoethane	9.610	107	91725	20.931	ug/l	99
64) Tetrachloroethene	9.275	164	76256	22.729	ug/l	98
65) Chlorobenzene	10.080	112	222112	20.268	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	83264	20.862	ug/l	99
67) Ethyl Benzene	10.195	91	412146	21.008	ug/l	98
68) m/p-Xylenes	10.299	106	314943	41.791	ug/l	100
69) o-Xylene	10.640	106	154398	20.415	ug/l	98
70) Styrene	10.653	104	254805	20.882	ug/l	98
71) Bromoform	10.799	173	59678	19.425	ug/l #	100
73) Isopropylbenzene	10.964	105	404838	20.727	ug/l	99
74) N-amyl acetate	10.842	43	182161	19.472	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	128981	19.790	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	110581m	19.057	ug/l	
77) Bromobenzene	11.195	156	97311	20.766	ug/l	97
78) n-propylbenzene	11.305	91	465755	20.648	ug/l	99
79) 2-Chlorotoluene	11.366	91	287899	20.666	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	342914	20.932	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	36336	16.941	ug/l	90
82) 4-Chlorotoluene	11.451	91	334727	20.860	ug/l	99
83) tert-Butylbenzene	11.713	119	333572	20.195	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	346018	20.667	ug/l	99
85) sec-Butylbenzene	11.890	105	407199	20.165	ug/l	100
86) p-Isopropyltoluene	12.006	119	348045	20.508	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	179719	19.574	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	182982	19.710	ug/l	99
89) n-Butylbenzene	12.329	91	298060	19.756	ug/l	99
90) Hexachloroethane	12.536	117	54292	17.289	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	179821	20.266	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	28743	19.411	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	112852	20.338	ug/l	98
94) Hexachlorobutadiene	13.725	225	47180	21.106	ug/l	99
95) Naphthalene	13.774	128	390573	20.991	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	113901	21.000	ug/l	99

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

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