

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101923\
 Data File : VX038373.D
 Acq On : 19 Oct 2023 10:19
 Operator : JC/MD
 Sample : VX1019WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1019WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/20/2023
 Supervised By : Semsettin Yesilyurt 10/20/2023

Quant Time: Oct 20 03:36:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	144680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	249173	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	250050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	107909	46.371	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.740%		
35) Dibromofluoromethane	5.385	113	88143	49.092	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.180%		
50) Toluene-d8	8.647	98	334398	48.740	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.480%		
62) 4-Bromofluorobenzene	11.079	95	127573	49.047	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.100%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	28332	20.287	ug/l	100
3) Chloromethane	1.295	50	27629	19.411	ug/l	99
4) Vinyl Chloride	1.374	62	34075	21.592	ug/l	98
5) Bromomethane	1.605	94	34226	15.932	ug/l	97
6) Chloroethane	1.685	64	24336	21.306	ug/l	96
7) Trichlorofluoromethane	1.886	101	66368	21.291	ug/l	98
8) Diethyl Ether	2.130	74	23222	19.975	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.331	101	28506	20.948	ug/l	97
10) Methyl Iodide	2.453	142	35688	18.227	ug/l	94
11) Tert butyl alcohol	2.953	59	40900	71.710	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	26429	19.966	ug/l	90
13) Acrolein	2.233	56	22795	68.905	ug/l	98
14) Allyl chloride	2.666	41	41234	17.416	ug/l	91
15) Acrylonitrile	3.062	53	95892	90.549	ug/l	100
16) Acetone	2.374	43	98313	101.228	ug/l	92
17) Carbon Disulfide	2.514	76	63913	16.752	ug/l	99
18) Methyl Acetate	2.703	43	80012	19.211	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	96768	18.355	ug/l	98
20) Methylene Chloride	2.788	84	32470	17.774	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	31189	19.030	ug/l	90
22) Diisopropyl ether	3.757	45	93576	18.858	ug/l	97
23) Vinyl Acetate	3.721	43	336306	92.416	ug/l	97
24) 1,1-Dichloroethane	3.611	63	54890	18.227	ug/l	99
25) 2-Butanone	4.550	43	147846	94.349	ug/l	94
26) 2,2-Dichloropropane	4.477	77	43892	18.668	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	37849	19.391	ug/l	91
28) Bromochloromethane	4.898	49	25297	18.608	ug/l	84
29) Tetrahydrofuran	5.001	42	93106	91.260	ug/l	88
30) Chloroform	5.093	83	65709	19.953	ug/l	97
31) Cyclohexane	5.471	56	49162	19.499	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	56154	19.908	ug/l	99
36) 1,1-Dichloropropene	5.690	75	47711	19.270	ug/l	98
37) Ethyl Acetate	4.715	43	53357	18.146	ug/l	97
38) Carbon Tetrachloride	5.672	117	47100	19.338	ug/l	96
39) Methylcyclohexane	7.379	83	57095	19.688	ug/l	88
40) Benzene	6.038	78	137807	19.900	ug/l	100

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41) Methacrylonitrile	4.922	41	27147	18.559	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	53217	19.234	ug/l	99
43) Isopropyl Acetate	6.336	43	80469	18.332	ug/l	97
44) Trichloroethene	7.129	130	37944	20.949	ug/l	93
45) 1,2-Dichloropropane	7.428	63	35230	19.656	ug/l	97
46) Dibromomethane	7.580	93	27636	19.881	ug/l	97
47) Bromodichloromethane	7.824	83	49143	19.873	ug/l	97
48) Methyl methacrylate	7.696	41	39271	18.740	ug/l #	81
49) 1,4-Dioxane	7.653	88	17353	336.047	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	298101	98.455	ug/l	97
52) Toluene	8.720	92	94282	20.901	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	50986	19.208	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	55857	20.029	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	39992	20.727	ug/l	95
56) Ethyl methacrylate	9.116	69	57435	19.415	ug/l	92
57) 1,3-Dichloropropane	9.305	76	63476	20.341	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	127336	87.691	ug/l	98
59) 2-Hexanone	9.427	43	240758	98.910	ug/l	95
60) Dibromochloromethane	9.519	129	39549	20.943	ug/l	99
61) 1,2-Dibromoethane	9.610	107	42954	20.586	ug/l	99
64) Tetrachloroethene	9.275	164	32696	20.198	ug/l	95
65) Chlorobenzene	10.079	112	104689	20.008	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	36568	20.667	ug/l	99
67) Ethyl Benzene	10.195	91	184502	19.754	ug/l	99
68) m/p-Xylenes	10.299	106	142112	39.351	ug/l	99
69) o-Xylene	10.640	106	69105	19.606	ug/l	99
70) Styrene	10.653	104	115677	20.153	ug/l	96
71) Bromoform	10.799	173	28184	19.051	ug/l #	98
73) Isopropylbenzene	10.964	105	185508	20.088	ug/l	100
74) N-amyl acetate	10.842	43	72890	18.483	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	68668	20.264	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	61738m	19.721	ug/l	
77) Bromobenzene	11.195	156	46249	20.513	ug/l	89
78) n-propylbenzene	11.305	91	220462	19.524	ug/l	99
79) 2-Chlorotoluene	11.366	91	129687	19.366	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	160689	20.169	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	16365	18.067	ug/l	98
82) 4-Chlorotoluene	11.451	91	153229	19.336	ug/l	97
83) tert-Butylbenzene	11.713	119	155233	19.940	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	158372	19.936	ug/l	98
85) sec-Butylbenzene	11.890	105	203781	20.207	ug/l	100
86) p-Isopropyltoluene	12.006	119	167913	20.181	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	88618	19.569	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	90774	19.634	ug/l	99
89) n-Butylbenzene	12.335	91	157672	19.028	ug/l	96
90) Hexachloroethane	12.536	117	26022	18.863	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	84951	19.516	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.939	75	15808	19.294	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	56024	19.189	ug/l	97
94) Hexachlorobutadiene	13.725	225	24077	20.489	ug/l	98
95) Naphthalene	13.774	128	189164	18.605	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	54991	19.452	ug/l	96

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

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