

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040324\
 Data File : VX040865.D
 Acq On : 03 Apr 2024 11:26
 Operator : JC/MD
 Sample : VX0403WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBS01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 04/03/2024
 Supervised By :Semsettin Yesilyurt 04/03/2024

Quant Time: Apr 03 16:38:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 02 05:40:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	49786	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	85488	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	79463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	40844	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	45185	50.582	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.160%			
35) Dibromofluoromethane	5.391	113	30835	50.924	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.840%			
50) Toluene-d8	8.647	98	108317	49.505	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.000%			
62) 4-Bromofluorobenzene	11.079	95	42890	49.086	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	12308	18.239	ug/l	99
3) Chloromethane	1.301	50	11598	19.895	ug/l	96
4) Vinyl Chloride	1.374	62	12312	20.460	ug/l	92
5) Bromomethane	1.611	94	8658	23.387	ug/l	90
6) Chloroethane	1.691	64	7309	18.842	ug/l	94
7) Trichlorofluoromethane	1.892	101	21755	18.886	ug/l	99
8) Diethyl Ether	2.136	74	6386	17.155	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	10639	17.915	ug/l	98
10) Methyl Iodide	2.453	142	12905	17.914	ug/l	98
11) Tert butyl alcohol	2.953	59	13688	83.929	ug/l #	87
12) 1,1-Dichloroethene	2.319	96	10313	18.516	ug/l	93
13) Acrolein	2.233	56	7292	81.909	ug/l	100
14) Allyl chloride	2.666	41	18430	18.471	ug/l	91
15) Acrylonitrile	3.062	53	30682	89.181	ug/l	96
16) Acetone	2.380	43	32227	92.911	ug/l	100
17) Carbon Disulfide	2.514	76	27501	17.068	ug/l	99
18) Methyl Acetate	2.703	43	14627	17.775	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	34967	17.835	ug/l	99
20) Methylene Chloride	2.794	84	10894	16.948	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	10488	17.828	ug/l	94
22) Diisopropyl ether	3.757	45	34605	17.822	ug/l	87
23) Vinyl Acetate	3.721	43	168554	90.568	ug/l	99
24) 1,1-Dichloroethane	3.611	63	20735	18.691	ug/l	98
25) 2-Butanone	4.556	43	47590	92.362	ug/l	98
26) 2,2-Dichloropropane	4.477	77	16948	17.795	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	12221	17.990	ug/l	96
28) Bromochloromethane	4.897	49	9594	19.234	ug/l	98
29) Tetrahydrofuran	5.001	42	30601	91.373	ug/l	98
30) Chloroform	5.093	83	22521	18.651	ug/l	99
31) Cyclohexane	5.471	56	16677	17.593	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	19532	18.203	ug/l	96
36) 1,1-Dichloropropene	5.696	75	15294	17.776	ug/l	99
37) Ethyl Acetate	4.715	43	18523	17.533	ug/l	96
38) Carbon Tetrachloride	5.684	117	16805	17.644	ug/l	93
39) Methylcyclohexane	7.379	83	17468	16.992	ug/l	96
40) Benzene	6.037	78	42211	17.677	ug/l	95

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41) Methacrylonitrile	4.922	41	9392	17.310	ug/l	94
42) 1,2-Dichloroethane	6.086	62	18436	17.776	ug/l	97
43) Isopropyl Acetate	6.336	43	29252	17.929	ug/l	96
44) Trichloroethene	7.123	130	10499	17.604	ug/l	86
45) 1,2-Dichloropropane	7.427	63	10370	18.191	ug/l	99
46) Dibromomethane	7.580	93	8866	18.976	ug/l	96
47) Bromodichloromethane	7.818	83	16939	17.425	ug/l	97
48) Methyl methacrylate	7.690	41	14370	17.986	ug/l	96
49) 1,4-Dioxane	7.659	88	5397	353.986	ug/l #	96
51) 4-Methyl-2-Pentanone	8.568	43	97073	89.697	ug/l	95
52) Toluene	8.714	92	26312	17.463	ug/l	91
53) t-1,3-Dichloropropene	8.976	75	16565	17.255	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	17368	18.018	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	10477	17.818	ug/l	95
56) Ethyl methacrylate	9.116	69	17597	17.428	ug/l #	91
57) 1,3-Dichloropropane	9.305	76	18623	18.109	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.238	63	42381	86.582	ug/l	98
59) 2-Hexanone	9.427	43	77202	88.947	ug/l	94
60) Dibromochloromethane	9.519	129	12370	17.622	ug/l	98
61) 1,2-Dibromoethane	9.610	107	11524	18.165	ug/l	99
64) Tetrachloroethene	9.269	164	9501	18.068	ug/l	98
65) Chlorobenzene	10.079	112	31102	17.897	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	10169	17.629	ug/l	100
67) Ethyl Benzene	10.195	91	54942	17.728	ug/l	98
68) m/p-Xylenes	10.299	106	39696	35.203	ug/l	91
69) o-Xylene	10.640	106	19202	18.075	ug/l	91
70) Styrene	10.653	104	32734	17.782	ug/l	96
71) Bromoform	10.799	173	8292	17.068	ug/l #	97
73) Isopropylbenzene	10.963	105	52612	18.443	ug/l	99
74) N-amyl acetate	10.841	43	25208	17.446	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.207	83	17854	18.304	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	15511m	17.809	ug/l	
77) Bromobenzene	11.195	156	12507	18.690	ug/l	97
78) n-propylbenzene	11.305	91	65213	18.292	ug/l	96
79) 2-Chlorotoluene	11.360	91	38323	18.012	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	45397	18.633	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	5316	16.468	ug/l	92
82) 4-Chlorotoluene	11.451	91	44596	17.556	ug/l	100
83) tert-Butylbenzene	11.713	119	42838	17.723	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	44659	18.196	ug/l	99
85) sec-Butylbenzene	11.890	105	56046	18.258	ug/l	98
86) p-Isopropyltoluene	12.006	119	47332	18.383	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	24161	17.862	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	24499	17.070	ug/l	97
89) n-Butylbenzene	12.329	91	45347	17.828	ug/l	97
90) Hexachloroethane	12.536	117	7989	17.812	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	23267	17.552	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	4563	18.205	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	16232	17.663	ug/l	93
94) Hexachlorobutadiene	13.725	225	6138	17.435	ug/l	95
95) Naphthalene	13.774	128	53060	17.932	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	15240	17.383	ug/l	97

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

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