

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040324\
 Data File : VX040866.D
 Acq On : 03 Apr 2024 11:53
 Operator : JC/MD
 Sample : VX0403WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Apr 03 16:38:42 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	5.550	168	43191	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	71350	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	67469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	34649	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	39458	50.916	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.840%			
35) Dibromofluoromethane	5.379	113	25845	51.141	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.280%			
50) Toluene-d8	8.647	98	92951	50.900	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.800%			
62) 4-Bromofluorobenzene	11.079	95	37452	51.356	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.720%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	11147	19.041	ug/l	94
3) Chloromethane	1.301	50	10339	20.443	ug/l	98
4) Vinyl Chloride	1.374	62	11118	21.296	ug/l	96
5) Bromomethane	1.611	94	7906	24.616	ug/l	99
6) Chloroethane	1.691	64	6459	19.193	ug/l	94
7) Trichlorofluoromethane	1.892	101	19295	19.308	ug/l	100
8) Diethyl Ether	2.136	74	6248	19.347	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	9725	18.876	ug/l	98
10) Methyl Iodide	2.453	142	11303	18.086	ug/l	97
11) Tert butyl alcohol	2.953	59	13834	97.776	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	8823	18.260	ug/l	95
13) Acrolein	2.233	56	7355	95.232	ug/l	95
14) Allyl chloride	2.666	41	16365	18.906	ug/l	91
15) Acrylonitrile	3.062	53	29618	99.234	ug/l	98
16) Acetone	2.380	43	30199	100.358	ug/l	97
17) Carbon Disulfide	2.514	76	24027	17.189	ug/l	99
18) Methyl Acetate	2.703	43	13533	18.956	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	32281	18.980	ug/l	98
20) Methylene Chloride	2.788	84	10008	17.947	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	8988	17.611	ug/l	85
22) Diisopropyl ether	3.757	45	32747	19.440	ug/l	91
23) Vinyl Acetate	3.721	43	158566	98.211	ug/l	99
24) 1,1-Dichloroethane	3.611	63	17707	18.399	ug/l	97
25) 2-Butanone	4.550	43	44694	99.986	ug/l	100
26) 2,2-Dichloropropane	4.471	77	15175	18.366	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	10837	18.388	ug/l	97
28) Bromochloromethane	4.897	49	8863	20.482	ug/l	96
29) Tetrahydrofuran	4.995	42	29121	100.231	ug/l	99
30) Chloroform	5.093	83	20104	19.192	ug/l	93
31) Cyclohexane	5.471	56	15647	19.027	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	17133	18.406	ug/l	98
36) 1,1-Dichloropropene	5.696	75	13228	18.421	ug/l	98
37) Ethyl Acetate	4.708	43	17314	19.636	ug/l	98
38) Carbon Tetrachloride	5.672	117	15245	19.177	ug/l	99
39) Methylcyclohexane	7.379	83	15987	18.633	ug/l	98
40) Benzene	6.037	78	38003	19.068	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	9277	20.486	ug/l	97
42) 1,2-Dichloroethane	6.086	62	17330	20.020	ug/l	96
43) Isopropyl Acetate	6.336	43	26857	19.723	ug/l	97
44) Trichloroethene	7.123	130	9637	19.361	ug/l	91
45) 1,2-Dichloropropane	7.428	63	9325	19.600	ug/l	90
46) Dibromomethane	7.580	93	7769	19.922	ug/l	100
47) Bromodichloromethane	7.818	83	15952	19.661	ug/l	99
48) Methyl methacrylate	7.690	41	13156	19.729	ug/l	93
49) 1,4-Dioxane	7.653	88	5174	406.604	ug/l #	92
51) 4-Methyl-2-Pentanone	8.568	43	91016	100.765	ug/l	97
52) Toluene	8.714	92	23353	18.570	ug/l	91
53) t-1,3-Dichloropropene	8.976	75	15025	18.677	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	15370	19.105	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	9522	19.402	ug/l	93
56) Ethyl methacrylate	9.116	69	16054	19.050	ug/l #	89
57) 1,3-Dichloropropane	9.305	76	16578	19.315	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	39422	96.495	ug/l	98
59) 2-Hexanone	9.427	43	73597	101.596	ug/l	93
60) Dibromochloromethane	9.519	129	11240	19.185	ug/l	95
61) 1,2-Dibromoethane	9.610	107	10834	20.461	ug/l	97
64) Tetrachloroethene	9.269	164	8457	18.941	ug/l	95
65) Chlorobenzene	10.079	112	27278	18.487	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	9286	18.960	ug/l	97
67) Ethyl Benzene	10.189	91	49603	18.850	ug/l	93
68) m/p-Xylenes	10.299	106	35762	37.352	ug/l	89
69) o-Xylene	10.640	106	17158	19.022	ug/l	91
70) Styrene	10.653	104	28868	18.469	ug/l	95
71) Bromoform	10.799	173	7994	19.275	ug/l #	100
73) Isopropylbenzene	10.957	105	46206	19.094	ug/l	99
74) N-amyl acetate	10.842	43	24277	19.806	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	16752	20.245	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	14082m	19.059	ug/l	
77) Bromobenzene	11.195	156	10889	19.181	ug/l	96
78) n-propylbenzene	11.305	91	58197	19.243	ug/l	97
79) 2-Chlorotoluene	11.360	91	34518	19.124	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	40007	19.356	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	5148	18.799	ug/l	97
82) 4-Chlorotoluene	11.451	91	41155	19.098	ug/l	99
83) tert-Butylbenzene	11.713	119	39328	19.180	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	40581	19.490	ug/l	99
85) sec-Butylbenzene	11.890	105	49914	19.167	ug/l	99
86) p-Isopropyltoluene	12.006	119	41942	19.203	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	21855	19.046	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	22207	18.239	ug/l	99
89) n-Butylbenzene	12.329	91	41597	19.277	ug/l	96
90) Hexachloroethane	12.536	117	7274	19.118	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	21058	18.726	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	4260	20.035	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	14279	18.316	ug/l	98
94) Hexachlorobutadiene	13.725	225	5497	18.406	ug/l	98
95) Naphthalene	13.774	128	49054	19.542	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	14042	18.880	ug/l	99

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

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