

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040924\
 Data File : VX040947.D
 Acq On : 09 Apr 2024 11:38
 Operator : JC/MD
 Sample : VX0409WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/10/2024
 Supervised By : Mahesh Dadoda 04/10/2024

Quant Time: Apr 10 00:35:20 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	53322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	92096	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	86433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44636	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	48205	50.384	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.760%			
35) Dibromofluoromethane	5.385	113	33006	50.598	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.200%			
50) Toluene-d8	8.647	98	116034	49.227	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.460%			
62) 4-Bromofluorobenzene	11.079	95	47519	50.482	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.960%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	13764	19.044	ug/l	88
3) Chloromethane	1.300	50	13728	21.987	ug/l	96
4) Vinyl Chloride	1.374	62	14698	22.805	ug/l	98
5) Bromomethane	1.605	94	9786	24.681	ug/l	98
6) Chloroethane	1.691	64	8895	21.410	ug/l	100
7) Trichlorofluoromethane	1.892	101	23319	18.901	ug/l	98
8) Diethyl Ether	2.136	74	8487	21.287	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	11754	18.480	ug/l	97
10) Methyl Iodide	2.459	142	13587	17.610	ug/l	98
11) Tert butyl alcohol	2.953	59	14975	85.731	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	11562	19.382	ug/l	94
13) Acrolein	2.239	56	10228	107.269	ug/l	100
14) Allyl chloride	2.666	41	20890	19.548	ug/l	94
15) Acrylonitrile	3.062	53	36384	98.742	ug/l	96
16) Acetone	2.379	43	36531	98.335	ug/l	100
17) Carbon Disulfide	2.514	76	26872	15.571	ug/l	99
18) Methyl Acetate	2.703	43	17905	20.315	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	41246	19.643	ug/l	96
20) Methylene Chloride	2.788	84	12457	18.094	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	11872	18.842	ug/l	99
22) Diisopropyl ether	3.763	45	42498	20.435	ug/l	91
23) Vinyl Acetate	3.721	43	194360	97.509	ug/l	99
24) 1,1-Dichloroethane	3.611	63	23177	19.507	ug/l	97
25) 2-Butanone	4.556	43	53246	96.486	ug/l	96
26) 2,2-Dichloropropane	4.477	77	19805	19.415	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	13675	18.795	ug/l	94
28) Bromochloromethane	4.897	49	10291	19.263	ug/l	97
29) Tetrahydrofuran	5.007	42	35111	97.887	ug/l	98
30) Chloroform	5.092	83	25375	19.621	ug/l	98
31) Cyclohexane	5.476	56	18820	18.537	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	22209	19.326	ug/l	98
36) 1,1-Dichloropropene	5.696	75	16689	18.006	ug/l	99
37) Ethyl Acetate	4.708	43	20692	18.180	ug/l	99
38) Carbon Tetrachloride	5.678	117	18692	18.217	ug/l	98
39) Methylcyclohexane	7.385	83	18527	16.729	ug/l	95
40) Benzene	6.043	78	47944	18.637	ug/l	99

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41) Methacrylonitrile	4.922	41	11000	18.819	ug/l	95
42) 1,2-Dichloroethane	6.086	62	21412	19.164	ug/l	96
43) Isopropyl Acetate	6.342	43	33312	18.952	ug/l	97
44) Trichloroethene	7.123	130	11972	18.634	ug/l	96
45) 1,2-Dichloropropane	7.433	63	12536	20.413	ug/l	97
46) Dibromomethane	7.586	93	9231	18.339	ug/l	99
47) Bromodichloromethane	7.824	83	18917	18.063	ug/l	97
48) Methyl methacrylate	7.696	41	17011	19.764	ug/l	97
49) 1,4-Dioxane	7.659	88	5495	334.554	ug/l #	97
51) 4-Methyl-2-Pentanone	8.573	43	113635	97.467	ug/l	96
52) Toluene	8.720	92	34366	21.171	ug/l	92
53) t-1,3-Dichloropropene	8.976	75	18826	18.156	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	19651	18.924	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	12161	19.198	ug/l	93
56) Ethyl methacrylate	9.116	69	21318	19.598	ug/l	96
57) 1,3-Dichloropropane	9.305	76	21076	19.024	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	48794	92.531	ug/l	97
59) 2-Hexanone	9.427	43	87210	93.268	ug/l	97
60) Dibromochloromethane	9.518	129	13454	17.791	ug/l	97
61) 1,2-Dibromoethane	9.610	107	12697	18.578	ug/l	98
64) Tetrachloroethene	9.275	164	10062	17.592	ug/l	96
65) Chlorobenzene	10.079	112	34815	18.418	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	11329	18.056	ug/l	97
67) Ethyl Benzene	10.195	91	67402	19.994	ug/l	97
68) m/p-Xylenes	10.299	106	51388	41.896	ug/l	89
69) o-Xylene	10.640	106	23024	19.925	ug/l	89
70) Styrene	10.652	104	38098	19.027	ug/l	96
71) Bromoform	10.799	173	9083	17.183	ug/l #	99
73) Isopropylbenzene	10.963	105	60241	19.324	ug/l	99
74) N-amyl acetate	10.841	43	29863	18.912	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	20138	18.892	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	17455m	18.339	ug/l	
77) Bromobenzene	11.195	156	14418	19.715	ug/l	100
78) n-propylbenzene	11.305	91	73045	18.748	ug/l	98
79) 2-Chlorotoluene	11.366	91	43925	18.891	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	51900	19.492	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	5865	16.625	ug/l	93
82) 4-Chlorotoluene	11.451	91	52672	18.974	ug/l	99
83) tert-Butylbenzene	11.713	119	49208	18.629	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	52900	19.722	ug/l	99
85) sec-Butylbenzene	11.890	105	61870	18.443	ug/l	100
86) p-Isopropyltoluene	12.006	119	52777	18.757	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	27101	18.334	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	28288	18.035	ug/l	98
89) n-Butylbenzene	12.329	91	50766	18.263	ug/l	95
90) Hexachloroethane	12.536	117	8157	16.642	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	26454	18.261	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	5259	19.200	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	17864	17.788	ug/l	99
94) Hexachlorobutadiene	13.725	225	5754	14.956	ug/l	97
95) Naphthalene	13.774	128	61739	19.092	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	17400	18.161	ug/l	96

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

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