

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010224\
 Data File : VX039563.D
 Acq On : 02 Jan 2024 11:44
 Operator : JC/MD
 Sample : VX0102WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0102WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/03/2024
 Supervised By : Mahesh Dadoda 01/04/2024

Quant Time: Jan 03 04:10:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	108562	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	198585	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	175107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	80894	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	97905	49.229	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.460%		
35) Dibromofluoromethane	5.379	113	69806	50.882	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.760%		
50) Toluene-d8	8.647	98	256744	50.408	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.820%		
62) 4-Bromofluorobenzene	11.079	95	99074	47.145	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.280%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	27764	18.200	ug/l	100
3) Chloromethane	1.295	50	33616	19.877	ug/l	98
4) Vinyl Chloride	1.374	62	31650	20.123	ug/l	95
5) Bromomethane	1.599	94	14860	16.422	ug/l	97
6) Chloroethane	1.666	64	14466	15.262	ug/l	94
7) Trichlorofluoromethane	1.874	101	44541	19.339	ug/l	94
8) Diethyl Ether	2.136	74	16688	20.936	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	27683	19.697	ug/l	96
10) Methyl Iodide	2.447	142	26430	18.194	ug/l	93
11) Tert butyl alcohol	3.008	59	50373	100.864	ug/l #	92
12) 1,1-Dichloroethene	2.313	96	26243	18.798	ug/l	92
13) Acrolein	2.233	56	43360	108.831	ug/l	100
14) Allyl chloride	2.660	41	53042	18.755	ug/l	97
15) Acrylonitrile	3.063	53	105632	105.670	ug/l	99
16) Acetone	2.380	43	103878	73.226	ug/l	91
17) Carbon Disulfide	2.502	76	65178	15.954	ug/l	100
18) Methyl Acetate	2.703	43	96391	22.408	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	101341	20.072	ug/l	96
20) Methylene Chloride	2.782	84	32760	19.760	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	27867	18.344	ug/l	94
22) Diisopropyl ether	3.758	45	106251	20.639	ug/l	90
23) Vinyl Acetate	3.715	43	384940	100.439	ug/l	99
24) 1,1-Dichloroethane	3.605	63	56091	19.275	ug/l	100
25) 2-Butanone	4.550	43	153885	89.668	ug/l	99
26) 2,2-Dichloropropane	4.465	77	44944	17.690	ug/l	97
27) cis-1,2-Dichloroethene	4.477	96	32910	19.628	ug/l	99
28) Bromochloromethane	4.885	49	29604	20.849	ug/l	92
29) Tetrahydrofuran	5.001	42	102110	107.740	ug/l	98
30) Chloroform	5.087	83	55867	19.211	ug/l	99
31) Cyclohexane	5.465	56	48756	18.981	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	46661	18.482	ug/l	99
36) 1,1-Dichloropropene	5.684	75	40096	18.521	ug/l	98
37) Ethyl Acetate	4.715	43	55176	20.629	ug/l	99
38) Carbon Tetrachloride	5.672	117	35639	17.250	ug/l	95
39) Methylcyclohexane	7.373	83	49688	19.107	ug/l	99
40) Benzene	6.032	78	119519	19.516	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	28639	20.068	ug/l	96
42) 1,2-Dichloroethane	6.080	62	47409	19.124	ug/l	100
43) Isopropyl Acetate	6.336	43	87809	20.189	ug/l	99
44) Trichloroethene	7.123	130	28178	18.234	ug/l	98
45) 1,2-Dichloropropane	7.428	63	33427	20.338	ug/l	97
46) Dibromomethane	7.574	93	22018	19.057	ug/l	97
47) Bromodichloromethane	7.818	83	42149	19.080	ug/l	96
48) Methyl methacrylate	7.690	41	51363	20.200	ug/l	96
49) 1,4-Dioxane	7.659	88	16890	492.781	ug/l #	100
51) 4-Methyl-2-Pentanone	8.574	43	301815	108.911	ug/l	98
52) Toluene	8.714	92	71946	19.464	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	44121	18.141	ug/l	96
54) cis-1,3-Dichloropropene	8.360	75	49577	18.945	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	30875	20.008	ug/l	90
56) Ethyl methacrylate	9.116	69	39103	20.758	ug/l	97
57) 1,3-Dichloropropane	9.305	76	53268	19.968	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	125300	113.277	ug/l	93
59) 2-Hexanone	9.433	43	241928	101.155	ug/l	100
60) Dibromochloromethane	9.519	129	29047	18.613	ug/l	100
61) 1,2-Dibromoethane	9.604	107	32325	19.623	ug/l	99
64) Tetrachloroethene	9.269	164	21809	19.059	ug/l	94
65) Chlorobenzene	10.080	112	74999	19.623	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	27073	20.053	ug/l	98
67) Ethyl Benzene	10.189	91	141696	19.916	ug/l	98
68) m/p-Xylenes	10.299	106	102964	40.364	ug/l	93
69) o-Xylene	10.640	106	50802	20.598	ug/l	95
70) Styrene	10.653	104	72848	20.204	ug/l	96
71) Bromoform	10.799	173	19762	19.693	ug/l #	96
73) Isopropylbenzene	10.957	105	136746	21.910	ug/l	99
74) N-amyl acetate	10.842	43	71914	22.773	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	54382	23.422	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	45853m	21.909	ug/l	
77) Bromobenzene	11.195	156	29479	21.359	ug/l	91
78) n-propylbenzene	11.305	91	157814	20.522	ug/l	97
79) 2-Chlorotoluene	11.360	91	97874	21.042	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	115734	21.767	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	14128	19.043	ug/l	98
82) 4-Chlorotoluene	11.451	91	112781	20.644	ug/l	98
83) tert-Butylbenzene	11.713	119	110864	21.909	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	116765	21.415	ug/l	98
85) sec-Butylbenzene	11.890	105	135917	21.108	ug/l	97
86) p-Isopropyltoluene	12.006	119	111124	20.564	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	54211	19.993	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	55375	19.614	ug/l	97
89) n-Butylbenzene	12.329	91	100643	18.946	ug/l	96
90) Hexachloroethane	12.536	117	19457	19.933	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	55037	21.214	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	12774	20.888	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	30320	17.848	ug/l	99
94) Hexachlorobutadiene	13.725	225	12877	20.114	ug/l	100
95) Naphthalene	13.774	128	125500	21.213	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	32360	19.732	ug/l	99

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

