

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010524\
 Data File : VX039640.D
 Acq On : 05 Jan 2024 11:45
 Operator : JC/MD
 Sample : VX0105WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0105WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/08/2024
 Supervised By : Mahesh Dadoda 01/08/2024

Quant Time: Jan 05 22:19:14 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	5.556	168	98770	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	181147	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	170437	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84414	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88443	48.880	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 97.760%			
35) Dibromofluoromethane	5.379	113	65562	52.389	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.780%			
50) Toluene-d8	8.647	98	243352	52.378	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.760%			
62) 4-Bromofluorobenzene	11.079	95	97755	50.995	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.000%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	23597	17.002	ug/l	100
3) Chloromethane	1.294	50	27951	18.166	ug/l	100
4) Vinyl Chloride	1.374	62	26343	18.409	ug/l	99
5) Bromomethane	1.605	94	18114	22.002	ug/l	97
6) Chloroethane	1.691	64	16402	19.020	ug/l	93
7) Trichlorofluoromethane	1.886	101	38714	18.476	ug/l	95
8) Diethyl Ether	2.130	74	14653	20.205	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	23484	18.366	ug/l	96
10) Methyl Iodide	2.453	142	22941	17.357	ug/l	93
11) Tert butyl alcohol	2.947	59	37691	82.952	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	22695	17.868	ug/l	98
13) Acrolein	2.233	56	30715	84.736	ug/l	97
14) Allyl chloride	2.666	41	46223	17.964	ug/l	97
15) Acrylonitrile	3.056	53	90590	99.607	ug/l	99
16) Acetone	2.374	43	87897	66.297	ug/l	93
17) Carbon Disulfide	2.514	76	57626	15.504	ug/l	98
18) Methyl Acetate	2.697	43	82506	21.082	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	87153	18.973	ug/l	99
20) Methylene Chloride	2.788	84	28334	18.785	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	24922	18.032	ug/l	98
22) Diisopropyl ether	3.757	45	93834	20.034	ug/l	96
23) Vinyl Acetate	3.721	43	334023	95.794	ug/l	99
24) 1,1-Dichloroethane	3.611	63	49516	18.702	ug/l	99
25) 2-Butanone	4.550	43	132581	84.913	ug/l	99
26) 2,2-Dichloropropane	4.471	77	39646	17.152	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	29416	19.283	ug/l	99
28) Bromochloromethane	4.897	49	27046	20.936	ug/l	92
29) Tetrahydrofuran	5.001	42	85566	99.234	ug/l	98
30) Chloroform	5.093	83	50308	19.014	ug/l	98
31) Cyclohexane	5.471	56	43648	18.677	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	40896	17.805	ug/l	97
36) 1,1-Dichloropropene	5.690	75	36535	18.500	ug/l	99
37) Ethyl Acetate	4.708	43	46520	19.067	ug/l	97
38) Carbon Tetrachloride	5.672	117	32850	17.431	ug/l	100
39) Methylcyclohexane	7.379	83	43356	18.277	ug/l	96
40) Benzene	6.037	78	106467	19.059	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	24835	19.078	ug/l	95
42) 1,2-Dichloroethane	6.086	62	42127	18.630	ug/l	100
43) Isopropyl Acetate	6.336	43	75177	18.948	ug/l	98
44) Trichloroethene	7.123	130	26113	18.524	ug/l	96
45) 1,2-Dichloropropane	7.427	63	29638	19.769	ug/l	97
46) Dibromomethane	7.580	93	19435	18.441	ug/l	96
47) Bromodichloromethane	7.818	83	38021	18.868	ug/l	99
48) Methyl methacrylate	7.690	41	44300	19.099	ug/l	96
49) 1,4-Dioxane	7.659	88	12491	399.518	ug/l #	100
51) 4-Methyl-2-Pentanone	8.568	43	254788	100.792	ug/l	98
52) Toluene	8.720	92	65412	19.400	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	39241	17.688	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	43112	18.060	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	28080	19.949	ug/l	93
56) Ethyl methacrylate	9.116	69	33816	19.679	ug/l	95
57) 1,3-Dichloropropane	9.305	76	48578	19.962	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	109176	108.201	ug/l	95
59) 2-Hexanone	9.427	43	201537	92.378	ug/l	98
60) Dibromochloromethane	9.519	129	26729	18.776	ug/l	99
61) 1,2-Dibromoethane	9.610	107	29768	19.810	ug/l	96
64) Tetrachloroethene	9.275	164	19821	17.797	ug/l	97
65) Chlorobenzene	10.079	112	69204	18.603	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	24256	18.459	ug/l	97
67) Ethyl Benzene	10.189	91	128122	18.502	ug/l	98
68) m/p-Xylenes	10.299	106	93082	37.490	ug/l	94
69) o-Xylene	10.640	106	45412	18.917	ug/l	95
70) Styrene	10.653	104	67139	19.131	ug/l	97
71) Bromoform	10.799	173	17366	17.780	ug/l #	98
73) Isopropylbenzene	10.963	105	122774	18.851	ug/l	100
74) N-amyl acetate	10.842	43	61251	18.588	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.207	83	47952	19.792	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	39116m	17.911	ug/l	
77) Bromobenzene	11.195	156	27169	18.865	ug/l	93
78) n-propylbenzene	11.305	91	151714	18.906	ug/l	97
79) 2-Chlorotoluene	11.360	91	88502	18.234	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	106365	19.171	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	11588	14.968	ug/l	97
82) 4-Chlorotoluene	11.451	91	104635	18.354	ug/l	99
83) tert-Butylbenzene	11.713	119	99921	18.923	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	107209	18.842	ug/l	100
85) sec-Butylbenzene	11.890	105	128450	19.117	ug/l	98
86) p-Isopropyltoluene	12.006	119	105896	18.779	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	52573	18.581	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	52773	17.913	ug/l	97
89) n-Butylbenzene	12.329	91	104224	18.802	ug/l	96
90) Hexachloroethane	12.536	117	17125	16.812	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	51483	19.017	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	11192	17.538	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	33356	18.816	ug/l	99
94) Hexachlorobutadiene	13.725	225	13396	20.052	ug/l	94
95) Naphthalene	13.774	128	120218	19.473	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	32761	19.144	ug/l	100

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

