

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011824\
 Data File : VX039809.D
 Acq On : 18 Jan 2024 11:38
 Operator : JC/MD
 Sample : VX0118WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0118WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/19/2024
 Supervised By :Semsettin Yesilyurt 01/19/2024

Quant Time: Jan 19 00:37:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	83547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	144817	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	135040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67324	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66952	47.839	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.680%		
35) Dibromofluoromethane	5.385	113	49085	50.323	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.640%		
50) Toluene-d8	8.647	98	182976	49.738	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.480%		
62) 4-Bromofluorobenzene	11.079	95	73779	51.286	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.580%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	18891	17.476	ug/l	97
3) Chloromethane	1.295	50	21111	17.101	ug/l	99
4) Vinyl Chloride	1.374	62	21136	18.142	ug/l	100
5) Bromomethane	1.605	94	14050	21.136	ug/l	99
6) Chloroethane	1.685	64	13071	19.736	ug/l	100
7) Trichlorofluoromethane	1.892	101	33195	19.751	ug/l	96
8) Diethyl Ether	2.130	74	12136	19.540	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	20858	20.019	ug/l	98
10) Methyl Iodide	2.453	142	21317	19.393	ug/l	96
11) Tert butyl alcohol	2.947	59	32363	88.833	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	19651	19.542	ug/l	95
13) Acrolein	2.233	56	23030	93.200	ug/l	98
14) Allyl chloride	2.666	41	36251	18.317	ug/l	99
15) Acrylonitrile	3.056	53	71696	95.272	ug/l	99
16) Acetone	2.367	43	73887	93.874	ug/l	98
17) Carbon Disulfide	2.514	76	53303	18.443	ug/l	100
18) Methyl Acetate	2.697	43	33048	20.069	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	69237	19.395	ug/l	99
20) Methylene Chloride	2.788	84	22609	18.990	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	20958	19.805	ug/l	95
22) Diisopropyl ether	3.751	45	73861	19.556	ug/l	90
23) Vinyl Acetate	3.715	43	339299	96.645	ug/l	98
24) 1,1-Dichloroethane	3.605	63	40030	19.266	ug/l	97
25) 2-Butanone	4.544	43	105614	93.373	ug/l	100
26) 2,2-Dichloropropane	4.471	77	30928	18.546	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	23420	19.297	ug/l	98
28) Bromochloromethane	4.891	49	18940	20.110	ug/l	96
29) Tetrahydrofuran	4.995	42	65768	90.337	ug/l	98
30) Chloroform	5.093	83	41025	20.001	ug/l	99
31) Cyclohexane	5.471	56	35243	19.081	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	35085	19.980	ug/l	100
36) 1,1-Dichloropropene	5.690	75	30446	20.053	ug/l	100
37) Ethyl Acetate	4.702	43	40361	19.927	ug/l	98
38) Carbon Tetrachloride	5.672	117	28416	20.435	ug/l	94
39) Methylcyclohexane	7.373	83	36794	20.182	ug/l	98
40) Benzene	6.031	78	87155	20.273	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	20273	20.468	ug/l	94
42) 1,2-Dichloroethane	6.080	62	34409	21.052	ug/l	99
43) Isopropyl Acetate	6.336	43	59521	20.032	ug/l	99
44) Trichloroethene	7.123	130	22383	21.244	ug/l	97
45) 1,2-Dichloropropane	7.428	63	24099	20.896	ug/l	97
46) Dibromomethane	7.580	93	17531	22.008	ug/l	97
47) Bromodichloromethane	7.818	83	31461	21.325	ug/l	98
48) Methyl methacrylate	7.690	41	29069	19.904	ug/l	93
49) 1,4-Dioxane	7.653	88	10560	373.675	ug/l #	98
51) 4-Methyl-2-Pentanone	8.568	43	208767	102.019	ug/l	98
52) Toluene	8.714	92	55440	21.590	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	33030	21.099	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	36081	20.961	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	22987	21.026	ug/l #	88
56) Ethyl methacrylate	9.116	69	36623	20.697	ug/l	97
57) 1,3-Dichloropropane	9.305	76	39971	21.574	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	76381	91.324	ug/l	95
59) 2-Hexanone	9.427	43	167810	103.614	ug/l	98
60) Dibromochloromethane	9.519	129	22647	21.966	ug/l	99
61) 1,2-Dibromoethane	9.610	107	24758	21.868	ug/l	100
64) Tetrachloroethene	9.269	164	18770	21.374	ug/l	94
65) Chlorobenzene	10.080	112	58388	20.760	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	20639	21.551	ug/l	98
67) Ethyl Benzene	10.195	91	109048	20.884	ug/l	98
68) m/p-Xylenes	10.299	106	80451	41.893	ug/l	95
69) o-Xylene	10.640	106	38894	20.451	ug/l	94
70) Styrene	10.653	104	64931	20.901	ug/l	99
71) Bromoform	10.799	173	15465	21.505	ug/l #	99
73) Isopropylbenzene	10.964	105	105062	19.601	ug/l	99
74) N-amyl acetate	10.842	43	51269	18.350	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.207	83	39942	19.514	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	33336m	19.099	ug/l	
77) Bromobenzene	11.195	156	24258	20.326	ug/l	99
78) n-propylbenzene	11.305	91	128689	19.836	ug/l	98
79) 2-Chlorotoluene	11.360	91	76079	18.974	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	89494	19.659	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	9651	18.256	ug/l	99
82) 4-Chlorotoluene	11.451	91	88604	19.482	ug/l	100
83) tert-Butylbenzene	11.713	119	84339	19.405	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	89833	19.779	ug/l	100
85) sec-Butylbenzene	11.890	105	113542	20.125	ug/l	99
86) p-Isopropyltoluene	12.006	119	91399	20.270	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	47396	20.718	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	46881	19.841	ug/l	97
89) n-Butylbenzene	12.329	91	87759	20.151	ug/l	95
90) Hexachloroethane	12.536	117	13964	18.357	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	45249	20.007	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8877	17.699	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	28257	20.444	ug/l	97
94) Hexachlorobutadiene	13.725	225	12453	21.674	ug/l	96
95) Naphthalene	13.774	128	97899	19.241	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	27549	19.749	ug/l	99

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

