

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011824\
 Data File : VX039808.D
 Acq On : 18 Jan 2024 11:12
 Operator : JC/MD
 Sample : VX0118WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0118WBS01

Manual Integrations
 APPROVED

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

Quant Time: Jan 19 00:36:22 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	87251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	155377	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143526	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	69501	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68786	47.063	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.120%		
35) Dibromofluoromethane	5.379	113	53256	50.888	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.780%		
50) Toluene-d8	8.647	98	196113	49.686	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.380%		
62) 4-Bromofluorobenzene	11.079	95	76200	49.369	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.740%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	19704	17.454	ug/l	95
3) Chloromethane	1.295	50	22189	17.211	ug/l	99
4) Vinyl Chloride	1.374	62	21633	17.780	ug/l	98
5) Bromomethane	1.605	94	14821	21.349	ug/l	96
6) Chloroethane	1.691	64	13298	19.226	ug/l	100
7) Trichlorofluoromethane	1.892	101	34791	19.822	ug/l	97
8) Diethyl Ether	2.130	74	12342	19.028	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	21019	19.317	ug/l	98
10) Methyl Iodide	2.453	142	21898	19.076	ug/l	93
11) Tert butyl alcohol	2.947	59	31922	83.903	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	20055	19.098	ug/l	94
13) Acrolein	2.233	56	22757	87.311	ug/l	99
14) Allyl chloride	2.666	41	36038	17.436	ug/l	97
15) Acrylonitrile	3.056	53	73791	93.893	ug/l	99
16) Acetone	2.374	43	75631	92.010	ug/l	94
17) Carbon Disulfide	2.514	76	55054	18.240	ug/l	100
18) Methyl Acetate	2.703	43	33980	19.759	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	69187	18.558	ug/l	99
20) Methylene Chloride	2.788	84	23634	19.009	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	21586	19.533	ug/l	97
22) Diisopropyl ether	3.757	45	73829	18.718	ug/l	99
23) Vinyl Acetate	3.715	43	343747	93.755	ug/l	99
24) 1,1-Dichloroethane	3.611	63	40979	18.885	ug/l	100
25) 2-Butanone	4.544	43	109123	92.380	ug/l	97
26) 2,2-Dichloropropane	4.477	77	31629	18.161	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	24348	19.210	ug/l	99
28) Bromochloromethane	4.898	49	19140	19.459	ug/l	97
29) Tetrahydrofuran	5.001	42	69781	91.781	ug/l	100
30) Chloroform	5.087	83	42681	19.925	ug/l	99
31) Cyclohexane	5.471	56	36279	18.808	ug/l	89
32) 1,1,1-Trichloroethane	5.379	97	35260	19.227	ug/l	98
36) 1,1-Dichloropropene	5.690	75	31075	19.076	ug/l	99
37) Ethyl Acetate	4.709	43	40937	18.837	ug/l	99
38) Carbon Tetrachloride	5.678	117	28676	19.220	ug/l	98
39) Methylcyclohexane	7.379	83	37720	19.283	ug/l	97
40) Benzene	6.038	78	90504	19.621	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	20437	19.231	ug/l	95
42) 1,2-Dichloroethane	6.086	62	34892	19.897	ug/l	100
43) Isopropyl Acetate	6.336	43	59921	18.796	ug/l	99
44) Trichloroethene	7.123	130	23261	20.577	ug/l	99
45) 1,2-Dichloropropane	7.428	63	24790	20.034	ug/l	94
46) Dibromomethane	7.580	93	17228	20.158	ug/l	98
47) Bromodichloromethane	7.818	83	32164	20.320	ug/l #	97
48) Methyl methacrylate	7.690	41	29682	18.942	ug/l	94
49) 1,4-Dioxane	7.653	88	10536	347.487	ug/l #	98
51) 4-Methyl-2-Pentanone	8.568	43	210732	95.980	ug/l	98
52) Toluene	8.714	92	57605	20.908	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	33102	19.708	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	36962	20.013	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	23673	20.182	ug/l	92
56) Ethyl methacrylate	9.116	69	36332	19.137	ug/l	97
57) 1,3-Dichloropropane	9.305	76	40088	20.167	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	76327	85.057	ug/l	97
59) 2-Hexanone	9.427	43	171283	98.570	ug/l	98
60) Dibromochloromethane	9.519	129	23363	21.120	ug/l	98
61) 1,2-Dibromoethane	9.610	107	24907	20.504	ug/l	100
64) Tetrachloroethene	9.269	164	19282	20.659	ug/l	93
65) Chlorobenzene	10.073	112	59702	19.972	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.159	131	21810	21.427	ug/l	97
67) Ethyl Benzene	10.195	91	109928	19.807	ug/l	99
68) m/p-Xylenes	10.299	106	83083	40.706	ug/l	98
69) o-Xylene	10.640	106	39734	19.658	ug/l	95
70) Styrene	10.653	104	65769	19.919	ug/l	99
71) Bromoform	10.799	173	15718	20.565	ug/l #	99
73) Isopropylbenzene	10.957	105	106360	19.221	ug/l	100
74) N-amyl acetate	10.842	43	51379	17.813	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.207	83	39694	18.786	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	33098m	18.369	ug/l	
77) Bromobenzene	11.195	156	24198	19.641	ug/l	97
78) n-propylbenzene	11.305	91	130365	19.465	ug/l	99
79) 2-Chlorotoluene	11.360	91	76924	18.584	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	92595	19.703	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	9484	17.461	ug/l	95
82) 4-Chlorotoluene	11.451	91	90735	19.325	ug/l	99
83) tert-Butylbenzene	11.713	119	86097	19.189	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	90432	19.287	ug/l	99
85) sec-Butylbenzene	11.890	105	115698	19.865	ug/l	99
86) p-Isopropyltoluene	12.006	119	92087	19.783	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	47630	20.168	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	46737	19.161	ug/l	99
89) n-Butylbenzene	12.329	91	86974	19.345	ug/l	97
90) Hexachloroethane	12.536	117	14731	18.758	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	45364	19.429	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8940	17.266	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	27739	19.441	ug/l	98
94) Hexachlorobutadiene	13.725	225	12030	20.282	ug/l	98
95) Naphthalene	13.774	128	95669	18.213	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	27944	19.405	ug/l	99

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

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