

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042823\
 Data File : VX035382.D
 Acq On : 28 Apr 2023 11:44
 Operator : JC/MD
 Sample : VX0428WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

04/28/2023
 Supervised By :Mahesh
 Dadoda

05/01/2023

Quant Time: Apr 28 15:40:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	288171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	446481	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	395148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	195798	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	183455	52.768	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.540%			
35) Dibromofluoromethane	5.385	113	149568	54.579	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.160%			
50) Toluene-d8	8.647	98	554818	53.670	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.340%			
62) 4-Bromofluorobenzene	11.079	95	212213	54.570	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.140%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	61623	20.210	ug/l	100
3) Chloromethane	1.294	50	48789	17.589	ug/l	100
4) Vinyl Chloride	1.373	62	51510	18.515	ug/l	98
5) Bromomethane	1.617	94	33456	18.093	ug/l	98
6) Chloroethane	1.691	64	29825	18.330	ug/l	96
7) Trichlorofluoromethane	1.886	101	87719	20.162	ug/l	96
8) Diethyl Ether	2.129	74	30030	18.931	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	56599	19.478	ug/l	94
10) Methyl Iodide	2.453	142	58752	16.020	ug/l	98
11) Tert butyl alcohol	3.013	59	61613	97.332	ug/l #	73
12) 1,1-Dichloroethene	2.318	96	53080	18.965	ug/l	97
13) Acrolein	2.239	56	56622	90.954	ug/l	100
14) Allyl chloride	2.666	41	91884	18.655	ug/l	97
15) Acrylonitrile	3.068	53	147637	93.249	ug/l	99
16) Acetone	2.398	43	150428	99.624	ug/l	98
17) Carbon Disulfide	2.514	76	123655	18.430	ug/l	99
18) Methyl Acetate	2.709	43	111712	19.132	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	194002	20.204	ug/l	98
20) Methylene Chloride	2.788	84	61685	17.817	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	58906	19.378	ug/l	93
22) Diisopropyl ether	3.757	45	191873	19.686	ug/l	99
23) Vinyl Acetate	3.721	43	663951	99.102	ug/l	98
24) 1,1-Dichloroethane	3.611	63	107793	19.634	ug/l	99
25) 2-Butanone	4.568	43	210726	95.614	ug/l	95
26) 2,2-Dichloropropane	4.471	77	86743	20.167	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	69487	19.447	ug/l	95
28) Bromochloromethane	4.897	49	48115	20.565	ug/l #	82
29) Tetrahydrofuran	5.013	42	129931	91.966	ug/l	93
30) Chloroform	5.092	83	112803	20.353	ug/l	99
31) Cyclohexane	5.470	56	95058	19.275	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	98424	20.264	ug/l	98
36) 1,1-Dichloropropene	5.696	75	83476	19.509	ug/l	98
37) Ethyl Acetate	4.714	43	75762	19.386	ug/l #	94
38) Carbon Tetrachloride	5.678	117	84512	20.805	ug/l	99
39) Methylcyclohexane	7.379	83	101063	19.403	ug/l	98
40) Benzene	6.037	78	243711	19.855	ug/l	98

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41) Methacrylonitrile	4.922	41	43388	19.375	ug/l	96
42) 1,2-Dichloroethane	6.086	62	88843	20.300	ug/l	96
43) Isopropyl Acetate	6.336	43	127770	19.457	ug/l	94
44) Trichloroethene	7.129	130	68282	20.193	ug/l	90
45) 1,2-Dichloropropane	7.427	63	62505	20.198	ug/l	98
46) Dibromomethane	7.580	93	43200	20.328	ug/l	92
47) Bromodichloromethane	7.824	83	80820	20.641	ug/l	95
48) Methyl methacrylate	7.696	41	64115	19.904	ug/l	93
49) 1,4-Dioxane	7.720	88	32154	409.510	ug/l	93
51) 4-Methyl-2-Pentanone	8.573	43	398427	98.756	ug/l	95
52) Toluene	8.720	92	158294	20.345	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	85001	20.788	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	96512	20.882	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	62979	20.304	ug/l	97
56) Ethyl methacrylate	9.116	69	95039	20.569	ug/l	90
57) 1,3-Dichloropropane	9.305	76	104355	19.670	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	214504	92.844	ug/l	96
59) 2-Hexanone	9.427	43	304677	100.525	ug/l	95
60) Dibromochloromethane	9.518	129	62473	21.022	ug/l	99
61) 1,2-Dibromoethane	9.610	107	66023	20.648	ug/l	99
64) Tetrachloroethene	9.275	164	60482	19.990	ug/l	98
65) Chlorobenzene	10.079	112	168417	19.700	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	61613	20.708	ug/l	98
67) Ethyl Benzene	10.195	91	300745	20.313	ug/l	97
68) m/p-Xylenes	10.299	106	229975	40.538	ug/l	99
69) o-Xylene	10.640	106	113853	20.466	ug/l	99
70) Styrene	10.652	104	188601	20.910	ug/l	97
71) Bromoform	10.799	173	43263	20.905	ug/l #	98
73) Isopropylbenzene	10.963	105	301130	21.039	ug/l	100
74) N-amyl acetate	10.841	43	110207	20.489	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	92250	20.766	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	73952m	18.934	ug/l	
77) Bromobenzene	11.195	156	73671	20.707	ug/l	91
78) n-propylbenzene	11.305	91	334888	20.373	ug/l	99
79) 2-Chlorotoluene	11.366	91	206199	20.074	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	254895	21.121	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	22433	18.602	ug/l	94
82) 4-Chlorotoluene	11.451	91	237246	20.564	ug/l	99
83) tert-Butylbenzene	11.713	119	246305	20.341	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	253505	20.906	ug/l	99
85) sec-Butylbenzene	11.890	105	298610	20.104	ug/l	100
86) p-Isopropyltoluene	12.006	119	259007	20.503	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	137913	20.397	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	138291	19.508	ug/l	99
89) n-Butylbenzene	12.335	91	208446	19.547	ug/l	99
90) Hexachloroethane	12.536	117	38434	19.875	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	134977	19.960	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18778	21.080	ug/l	88
93) 1,2,4-Trichlorobenzene	13.585	180	86590	20.371	ug/l	99
94) Hexachlorobutadiene	13.725	225	35381	18.966	ug/l	99
95) Naphthalene	13.774	128	277579	21.212	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	85675	20.022	ug/l	99

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

