

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030823\
 Data File : VX034380.D
 Acq On : 08 Mar 2023 13:07
 Operator : JC/MD
 Sample : VX0308WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS01

Quant Time: Mar 09 03:57:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/09/2023
 Supervised By : Mahesh Dadoda 03/09/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	238951	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	388103	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	350929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	171426	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	150031	46.621	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.240%		
35) Dibromofluoromethane	5.385	113	123212	48.760	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.520%		
50) Toluene-d8	8.647	98	442382	48.761	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.520%		
62) 4-Bromofluorobenzene	11.079	95	173569	50.016	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.040%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	37573	18.197	ug/l	97
3) Chloromethane	1.300	50	52289	17.598	ug/l	98
4) Vinyl Chloride	1.374	62	53708	19.847	ug/l	98
5) Bromomethane	1.605	94	32592	29.010	ug/l	99
6) Chloroethane	1.685	64	30272	22.252	ug/l	98
7) Trichlorofluoromethane	1.886	101	81724	22.323	ug/l	100
8) Diethyl Ether	2.130	74	31224	21.170	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	47215	18.313	ug/l	92
10) Methyl Iodide	2.453	142	54788	17.453	ug/l	96
11) Tert butyl alcohol	2.953	59	67670	94.016	ug/l #	84
12) 1,1-Dichloroethene	2.319	96	44652	17.277	ug/l	94
13) Acrolein	2.233	56	29039	88.382	ug/l	99
14) Allyl chloride	2.660	41	92570	16.885	ug/l	91
15) Acrylonitrile	3.062	53	151621	96.562	ug/l	99
16) Acetone	2.380	43	131817	79.405	ug/l	92
17) Carbon Disulfide	2.514	76	114355	15.390	ug/l	98
18) Methyl Acetate	2.703	43	102843	20.021	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	175237	19.211	ug/l	99
20) Methylene Chloride	2.788	84	53669	17.943	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	49188	18.163	ug/l	99
22) Diisopropyl ether	3.757	45	192229	20.000	ug/l	97
23) Vinyl Acetate	3.721	43	736319	95.619	ug/l	100
24) 1,1-Dichloroethane	3.611	63	97078	18.398	ug/l	99
25) 2-Butanone	4.550	43	218437	90.941	ug/l	100
26) 2,2-Dichloropropane	4.471	77	81467	17.044	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	60159	18.759	ug/l	96
28) Bromochloromethane	4.897	49	48274	20.509	ug/l	89
29) Tetrahydrofuran	5.001	42	139273	95.048	ug/l	100
30) Chloroform	5.092	83	96232	18.993	ug/l	98
31) Cyclohexane	5.464	56	87853	18.285	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	83997	18.494	ug/l	98
36) 1,1-Dichloropropene	5.690	75	70847	18.958	ug/l	98
37) Ethyl Acetate	4.708	43	84464	20.223	ug/l	99
38) Carbon Tetrachloride	5.678	117	69191	17.993	ug/l	97
39) Methylcyclohexane	7.379	83	85318	17.741	ug/l	96
40) Benzene	6.037	78	215232	19.435	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	45126	19.392	ug/l	97
42) 1,2-Dichloroethane	6.086	62	77788	19.971	ug/l	99
43) Isopropyl Acetate	6.336	43	142663	19.357	ug/l	99
44) Trichloroethene	7.123	130	54816	19.288	ug/l	83
45) 1,2-Dichloropropane	7.427	63	56959	19.320	ug/l	93
46) Dibromomethane	7.580	93	38279	19.729	ug/l	87
47) Bromodichloromethane	7.824	83	72374	18.176	ug/l	98
48) Methyl methacrylate	7.690	41	67590	19.322	ug/l	98
49) 1,4-Dioxane	7.659	88	29489	422.634	ug/l #	99
51) 4-Methyl-2-Pentanone	8.574	43	429646	105.957	ug/l	99
52) Toluene	8.720	92	133450	19.887	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	82034	17.898	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	88616	18.060	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	55966	20.662	ug/l	95
56) Ethyl methacrylate	9.116	69	90543	19.760	ug/l	97
57) 1,3-Dichloropropane	9.305	76	97246	20.635	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	209964	105.779	ug/l	95
59) 2-Hexanone	9.427	43	325224	105.241	ug/l	97
60) Dibromochloromethane	9.518	129	55917	18.683	ug/l	100
61) 1,2-Dibromoethane	9.610	107	58198	20.316	ug/l	99
64) Tetrachloroethene	9.275	164	47134	19.030	ug/l	97
65) Chlorobenzene	10.079	112	144664	19.776	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	53167	18.775	ug/l	97
67) Ethyl Benzene	10.195	91	256949	19.552	ug/l	99
68) m/p-Xylenes	10.299	106	197756	39.321	ug/l	96
69) o-Xylene	10.640	106	99152	19.803	ug/l	95
70) Styrene	10.652	104	157966	19.399	ug/l	95
71) Bromoform	10.799	173	38337	16.585	ug/l #	98
73) Isopropylbenzene	10.963	105	254881	19.509	ug/l	99
74) N-amyl acetate	10.841	43	123983	18.889	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	84397	18.887	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	71189m	16.504	ug/l	
77) Bromobenzene	11.201	156	60824	19.346	ug/l	86
78) n-propylbenzene	11.305	91	297886	19.605	ug/l	96
79) 2-Chlorotoluene	11.366	91	177755	19.078	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	210035	19.121	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	24892	14.824	ug/l	98
82) 4-Chlorotoluene	11.451	91	203014	19.131	ug/l	98
83) tert-Butylbenzene	11.713	119	216028	19.203	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	211083	19.006	ug/l	99
85) sec-Butylbenzene	11.890	105	259987	19.031	ug/l	98
86) p-Isopropyltoluene	12.006	119	217438	19.232	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	113684	19.280	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	114735	19.292	ug/l	96
89) n-Butylbenzene	12.335	91	186564	18.527	ug/l	98
90) Hexachloroethane	12.536	117	38317	16.209	ug/l	79
91) 1,2-Dichlorobenzene	12.335	146	112859	19.563	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17433	16.360	ug/l	77
93) 1,2,4-Trichlorobenzene	13.591	180	67876	18.326	ug/l	98
94) Hexachlorobutadiene	13.725	225	26639	17.349	ug/l	98
95) Naphthalene	13.774	128	232476	18.632	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	68359	18.590	ug/l	97

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

