

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080423\
 Data File : VX036801.D
 Acq On : 04 Aug 2023 11:32
 Operator : JC/MD
 Sample : VX0804WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0804WBS01

Quant Time: Aug 04 23:06:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/07/2023
 Supervised By : Semsettin Yesilyurt 08/07/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	155230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	267073	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	238449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117582	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	107527	46.815	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.620%		
35) Dibromofluoromethane	5.385	113	90446	49.270	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.540%		
50) Toluene-d8	8.647	98	303919	46.686	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.380%		
62) 4-Bromofluorobenzene	11.079	95	120440	49.038	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.080%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	41484	20.230	ug/l	100
3) Chloromethane	1.301	50	36587	19.616	ug/l	98
4) Vinyl Chloride	1.374	62	38683	20.371	ug/l	99
5) Bromomethane	1.599	94	23294	20.547	ug/l	99
6) Chloroethane	1.685	64	24338	26.362	ug/l	98
7) Trichlorofluoromethane	1.886	101	65546	22.352	ug/l	98
8) Diethyl Ether	2.130	74	22983	20.258	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.325	101	36320	20.615	ug/l	98
10) Methyl Iodide	2.453	142	37600	20.547	ug/l	95
11) Tert butyl alcohol	2.959	59	55357	101.803	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	35415	20.375	ug/l	88
13) Acrolein	2.233	56	25996	83.770	ug/l	99
14) Allyl chloride	2.660	41	62005	18.116	ug/l #	95
15) Acrylonitrile	3.062	53	107930	98.698	ug/l	100
16) Acetone	2.380	43	95491	100.189	ug/l	91
17) Carbon Disulfide	2.508	76	97496	20.323	ug/l	99
18) Methyl Acetate	2.703	43	76333	19.038	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	131376	20.113	ug/l	100
20) Methylene Chloride	2.788	84	41271	19.470	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	39442	20.303	ug/l	90
22) Diisopropyl ether	3.757	45	122159	18.797	ug/l	96
23) Vinyl Acetate	3.721	43	475668	95.418	ug/l	95
24) 1,1-Dichloroethane	3.611	63	72984	20.030	ug/l	97
25) 2-Butanone	4.556	43	149500	96.678	ug/l	92
26) 2,2-Dichloropropane	4.477	77	63558	18.512	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	46593	20.193	ug/l	94
28) Bromochloromethane	4.898	49	34272	19.448	ug/l	87
29) Tetrahydrofuran	5.001	42	95874	96.165	ug/l	90
30) Chloroform	5.093	83	76771	20.594	ug/l	96
31) Cyclohexane	5.471	56	61778	19.426	ug/l	89
32) 1,1,1-Trichloroethane	5.379	97	68797	20.141	ug/l	98
36) 1,1-Dichloropropene	5.690	75	56496	20.648	ug/l	99
37) Ethyl Acetate	4.715	43	58761	18.974	ug/l	96
38) Carbon Tetrachloride	5.678	117	59192	20.349	ug/l	96
39) Methylcyclohexane	7.379	83	67981	19.981	ug/l	93
40) Benzene	6.038	78	161790	20.324	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	31431	18.976	ug/l	92
42) 1,2-Dichloroethane	6.086	62	61557	21.150	ug/l	96
43) Isopropyl Acetate	6.336	43	98998	18.571	ug/l	96
44) Trichloroethene	7.123	130	43522	20.916	ug/l	99
45) 1,2-Dichloropropane	7.428	63	41515	19.533	ug/l	99
46) Dibromomethane	7.580	93	30745	20.669	ug/l	97
47) Bromodichloromethane	7.818	83	60160	19.703	ug/l	96
48) Methyl methacrylate	7.690	41	46968	18.945	ug/l	89
49) 1,4-Dioxane	7.659	88	22345	446.161	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	293746	99.573	ug/l	96
52) Toluene	8.720	92	104476	20.945	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	66247	19.196	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	70126	19.257	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	42478	20.259	ug/l	96
56) Ethyl methacrylate	9.116	69	67001	19.624	ug/l	95
57) 1,3-Dichloropropane	9.305	76	71715	20.535	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	153439	91.207	ug/l	97
59) 2-Hexanone	9.427	43	220758	100.829	ug/l	94
60) Dibromochloromethane	9.519	129	46085	19.997	ug/l	100
61) 1,2-Dibromoethane	9.610	107	45207	20.803	ug/l	98
64) Tetrachloroethene	9.275	164	37637	21.162	ug/l	96
65) Chlorobenzene	10.079	112	109876	20.905	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	42660	20.999	ug/l	99
67) Ethyl Benzene	10.195	91	198847	20.709	ug/l	100
68) m/p-Xylenes	10.299	106	153225	42.770	ug/l	98
69) o-Xylene	10.640	106	73488	20.550	ug/l	98
70) Styrene	10.653	104	122035	20.684	ug/l	98
71) Bromoform	10.799	173	32148	19.549	ug/l #	97
73) Isopropylbenzene	10.964	105	193647	19.900	ug/l	99
74) N-amyl acetate	10.842	43	82211	18.117	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	63164	19.218	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	54211m	19.601	ug/l	
77) Bromobenzene	11.195	156	45697	20.621	ug/l	94
78) n-propylbenzene	11.305	91	225677	20.053	ug/l	100
79) 2-Chlorotoluene	11.366	91	136201	19.972	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	165496	20.330	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	20803	17.049	ug/l	88
82) 4-Chlorotoluene	11.451	91	156349	20.122	ug/l	99
83) tert-Butylbenzene	11.713	119	160581	20.079	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	165465	20.324	ug/l	98
85) sec-Butylbenzene	11.890	105	201677	20.221	ug/l	100
86) p-Isopropyltoluene	12.006	119	168725	20.560	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	84147	20.501	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	84655	20.783	ug/l	99
89) n-Butylbenzene	12.329	91	145502	19.806	ug/l	99
90) Hexachloroethane	12.536	117	30316	18.222	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	81998	20.703	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14622	19.145	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	48810	20.002	ug/l	98
94) Hexachlorobutadiene	13.725	225	19174	18.993	ug/l	98
95) Naphthalene	13.774	128	172703	20.309	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	49531	20.594	ug/l	98

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

