

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021723\
 Data File : VX034156.D
 Acq On : 17 Feb 2023 14:19
 Operator : JC/MD
 Sample : VX0217WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0217WBS01

Quant Time: Feb 17 15:01:00 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 02/21/2023
 Supervised By : Mahesh Dadoda 02/21/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	417920	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	696752	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	611046	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	293818	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	276375	49.104	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.200%		
35) Dibromofluoromethane	5.385	113	228018	50.263	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.520%		
50) Toluene-d8	8.647	98	854956	52.491	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	104.980%		
62) 4-Bromofluorobenzene	11.079	95	328486	52.725	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.460%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	73124	20.249	ug/l	96
3) Chloromethane	1.295	50	106120	20.420	ug/l	96
4) Vinyl Chloride	1.374	62	96893	20.473	ug/l	99
5) Bromomethane	1.606	94	53368	26.677	ug/l	98
6) Chloroethane	1.685	64	51622	21.696	ug/l	97
7) Trichlorofluoromethane	1.886	101	132077	20.627	ug/l	97
8) Diethyl Ether	2.130	74	50625	19.625	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	88485	19.623	ug/l	94
10) Methyl Iodide	2.453	142	101457	18.479	ug/l	94
11) Tert butyl alcohol	2.947	59	114637	91.064	ug/l #	84
12) 1,1-Dichloroethene	2.319	96	86224	19.075	ug/l	93
13) Acrolein	2.233	56	54091	94.129	ug/l	99
14) Allyl chloride	2.666	41	179460	18.716	ug/l	89
15) Acrylonitrile	3.063	53	273759	99.685	ug/l	98
16) Acetone	2.374	43	254757	87.744	ug/l	94
17) Carbon Disulfide	2.514	76	253302	19.491	ug/l	99
18) Methyl Acetate	2.697	43	180205	20.059	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	306509	19.212	ug/l	97
20) Methylene Chloride	2.788	84	99032	18.930	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	93688	19.780	ug/l	95
22) Diisopropyl ether	3.758	45	341906	20.339	ug/l	96
23) Vinyl Acetate	3.721	43	1377504	102.279	ug/l	100
24) 1,1-Dichloroethane	3.605	63	178095	19.299	ug/l	98
25) 2-Butanone	4.550	43	400483	95.331	ug/l	99
26) 2,2-Dichloropropane	4.477	77	155902	18.649	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	108259	19.301	ug/l	94
28) Bromochloromethane	4.891	49	84812	20.602	ug/l	85
29) Tetrahydrofuran	5.001	42	251892	98.289	ug/l	99
30) Chloroform	5.093	83	170710	19.264	ug/l	96
31) Cyclohexane	5.471	56	170488	20.288	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	152670	19.219	ug/l	98
36) 1,1-Dichloropropene	5.690	75	131127	19.545	ug/l	99
37) Ethyl Acetate	4.709	43	154062	20.547	ug/l	99
38) Carbon Tetrachloride	5.678	117	131067	18.985	ug/l	98
39) Methylcyclohexane	7.379	83	173056	20.044	ug/l	97
40) Benzene	6.038	78	391623	19.697	ug/l	99

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41) Methacrylonitrile	4.916	41	85031	20.354	ug/l	98
42) 1,2-Dichloroethane	6.086	62	132461	18.943	ug/l	99
43) Isopropyl Acetate	6.336	43	266111	20.112	ug/l	98
44) Trichloroethene	7.123	130	99518	19.505	ug/l	90
45) 1,2-Dichloropropane	7.428	63	105251	19.886	ug/l	98
46) Dibromomethane	7.580	93	68144	19.563	ug/l	87
47) Bromodichloromethane	7.824	83	139329	19.491	ug/l	98
48) Methyl methacrylate	7.690	41	126092	20.078	ug/l	99
49) 1,4-Dioxane	7.659	88	46305	369.659	ug/l #	96
51) 4-Methyl-2-Pentanone	8.574	43	776310	106.640	ug/l	99
52) Toluene	8.720	92	243378	20.202	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	162439	19.741	ug/l	97
54) cis-1,3-Dichloropropene	8.367	75	173010	19.640	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	96455	19.836	ug/l	97
56) Ethyl methacrylate	9.116	69	166125	20.195	ug/l	97
57) 1,3-Dichloropropane	9.305	76	170529	20.156	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	348351	97.756	ug/l	94
59) 2-Hexanone	9.427	43	586550	105.725	ug/l	99
60) Dibromochloromethane	9.519	129	105525	19.640	ug/l	99
61) 1,2-Dibromoethane	9.610	107	102690	19.968	ug/l	98
64) Tetrachloroethene	9.275	164	84747	19.651	ug/l	92
65) Chlorobenzene	10.080	112	255593	20.067	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	94541	19.173	ug/l	97
67) Ethyl Benzene	10.195	91	466754	20.397	ug/l	99
68) m/p-Xylenes	10.299	106	356519	40.712	ug/l	95
69) o-Xylene	10.640	106	174868	20.058	ug/l	93
70) Styrene	10.653	104	289132	20.392	ug/l	96
71) Bromoform	10.799	173	78657	19.543	ug/l #	98
73) Isopropylbenzene	10.964	105	454113	20.279	ug/l	99
74) N-amyl acetate	10.842	43	226487	20.132	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	152133	19.864	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	125502m	13.810	ug/l	
77) Bromobenzene	11.201	156	106004	19.671	ug/l	82
78) n-propylbenzene	11.305	91	533232	20.475	ug/l	98
79) 2-Chlorotoluene	11.366	91	323923	20.284	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	379961	20.182	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	55677	19.346	ug/l	90
82) 4-Chlorotoluene	11.457	91	365333	20.086	ug/l	94
83) tert-Butylbenzene	11.713	119	386657	20.053	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	381750	20.054	ug/l	97
85) sec-Butylbenzene	11.890	105	475670	20.314	ug/l	97
86) p-Isopropyltoluene	12.006	119	392982	20.279	ug/l	97
87) 1,3-Dichlorobenzene	11.970	146	199101	19.701	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	199785	19.789	ug/l	96
89) n-Butylbenzene	12.329	91	348470	20.190	ug/l	98
90) Hexachloroethane	12.536	117	80271	19.812	ug/l	79
91) 1,2-Dichlorobenzene	12.335	146	195866	19.808	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	34828	19.069	ug/l	77
93) 1,2,4-Trichlorobenzene	13.585	180	123492	19.453	ug/l	97
94) Hexachlorobutadiene	13.725	225	50699	19.265	ug/l	99
95) Naphthalene	13.774	128	423106	19.785	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	124710	19.787	ug/l	98

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

