

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080123\
 Data File : VX036747.D
 Acq On : 01 Aug 2023 14:36
 Operator : JC/MD
 Sample : VX0801WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801WBS02

Quant Time: Aug 02 06:24:47 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 08/02/2023
 Supervised By : Mahesh Dadoda 08/02/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	141017	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	252712	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107204	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	101258	48.529	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.060%		
35) Dibromofluoromethane	5.385	113	84931	48.895	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.800%		
50) Toluene-d8	8.647	98	291289	47.289	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.580%		
62) 4-Bromofluorobenzene	11.079	95	112242	48.297	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	30919	16.597	ug/l	97
3) Chloromethane	1.300	50	28117	16.594	ug/l	98
4) Vinyl Chloride	1.374	62	31438	18.224	ug/l	100
5) Bromomethane	1.599	94	17215	16.715	ug/l	99
6) Chloroethane	1.684	64	19861	23.681	ug/l	96
7) Trichlorofluoromethane	1.886	101	55374	20.786	ug/l	98
8) Diethyl Ether	2.136	74	20085	19.487	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.325	101	30822	19.258	ug/l	99
10) Methyl Iodide	2.453	142	25613	15.407	ug/l	93
11) Tert butyl alcohol	2.965	59	53552	108.409	ug/l #	90
12) 1,1-Dichloroethene	2.318	96	28616	18.122	ug/l	91
13) Acrolein	2.233	56	28868	102.400	ug/l	96
14) Allyl chloride	2.660	41	54655	17.578	ug/l	94
15) Acrylonitrile	3.062	53	101785	102.460	ug/l	99
16) Acetone	2.379	43	90126	104.091	ug/l	93
17) Carbon Disulfide	2.507	76	70328	16.137	ug/l	98
18) Methyl Acetate	2.703	43	73465	20.169	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	118294	19.936	ug/l	99
20) Methylene Chloride	2.788	84	35693	18.536	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	32630	18.489	ug/l	89
22) Diisopropyl ether	3.763	45	112257	19.014	ug/l	86
23) Vinyl Acetate	3.721	43	435326	96.127	ug/l	96
24) 1,1-Dichloroethane	3.611	63	63589	19.211	ug/l	98
25) 2-Butanone	4.556	43	143508	102.157	ug/l	96
26) 2,2-Dichloropropane	4.477	77	54059	17.332	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	40457	19.301	ug/l	93
28) Bromochloromethane	4.897	49	31402	19.616	ug/l	87
29) Tetrahydrofuran	5.007	42	91311	100.820	ug/l	91
30) Chloroform	5.098	83	67464	19.922	ug/l	100
31) Cyclohexane	5.470	56	50251	17.394	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	60023	19.344	ug/l	98
36) 1,1-Dichloropropene	5.696	75	46685	18.032	ug/l	99
37) Ethyl Acetate	4.714	43	55465	18.928	ug/l	96
38) Carbon Tetrachloride	5.678	117	51691	18.780	ug/l	98
39) Methylcyclohexane	7.379	83	54941	17.066	ug/l	96
40) Benzene	6.037	78	139870	18.569	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	29945	19.107	ug/l	93
42) 1,2-Dichloroethane	6.086	62	53401	19.390	ug/l	95
43) Isopropyl Acetate	6.342	43	92730	18.384	ug/l	96
44) Trichloroethene	7.129	130	37609	19.101	ug/l	93
45) 1,2-Dichloropropane	7.433	63	37150	18.472	ug/l	99
46) Dibromomethane	7.580	93	26494	18.823	ug/l	95
47) Bromodichloromethane	7.824	83	53706	18.589	ug/l	98
48) Methyl methacrylate	7.696	41	43426	18.512	ug/l	90
49) 1,4-Dioxane	7.659	88	20548	433.595	ug/l #	89
51) 4-Methyl-2-Pentanone	8.573	43	284673	101.981	ug/l	96
52) Toluene	8.720	92	90428	19.159	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	57884	17.726	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	62035	18.003	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	38490	19.400	ug/l	95
56) Ethyl methacrylate	9.116	69	61996	19.190	ug/l	95
57) 1,3-Dichloropropane	9.311	76	64886	19.636	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	134023	84.193	ug/l	98
59) 2-Hexanone	9.427	43	215441	103.993	ug/l	94
60) Dibromochloromethane	9.518	129	41834	19.184	ug/l	99
61) 1,2-Dibromoethane	9.610	107	41577	20.220	ug/l	98
64) Tetrachloroethene	9.275	164	32087	19.208	ug/l	98
65) Chlorobenzene	10.079	112	97312	19.712	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	37567	19.688	ug/l	99
67) Ethyl Benzene	10.195	91	172081	19.081	ug/l	98
68) m/p-Xylenes	10.299	106	130602	38.813	ug/l	98
69) o-Xylene	10.640	106	65660	19.549	ug/l	98
70) Styrene	10.652	104	107512	19.401	ug/l	98
71) Bromoform	10.799	173	30034	19.445	ug/l #	100
73) Isopropylbenzene	10.963	105	171217	19.298	ug/l	98
74) N-amyl acetate	10.841	43	78247	18.913	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	60076	20.048	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	48780m	19.345	ug/l	
77) Bromobenzene	11.201	156	39845	19.721	ug/l	95
78) n-propylbenzene	11.305	91	195923	19.095	ug/l	100
79) 2-Chlorotoluene	11.366	91	118143	19.002	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	144854	19.516	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	18471	16.603	ug/l	87
82) 4-Chlorotoluene	11.457	91	134280	18.955	ug/l	99
83) tert-Butylbenzene	11.713	119	141778	19.444	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	143866	19.382	ug/l	97
85) sec-Butylbenzene	11.890	105	175551	19.306	ug/l	100
86) p-Isopropyltoluene	12.006	119	146700	19.606	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	73472	19.634	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	73432	19.773	ug/l	100
89) n-Butylbenzene	12.329	91	127893	19.094	ug/l	98
90) Hexachloroethane	12.536	117	27263	17.973	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	71817	19.887	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	13243	19.018	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	42987	19.321	ug/l	97
94) Hexachlorobutadiene	13.725	225	17180	18.665	ug/l	99
95) Naphthalene	13.774	128	157076	20.260	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	43430	19.806	ug/l	99

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

