

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070723\
 Data File : VX036451.D
 Acq On : 07 Jul 2023 11:26
 Operator : JC/MD
 Sample : VX0707WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0707WBS01

Quant Time: Jul 07 23:01:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/10/2023
 Supervised By : Mahesh Dadoda 07/10/2023

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	166014	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	294208	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	271663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131948	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	134304	56.437	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.880%			
35) Dibromofluoromethane	5.385	113	105868	54.573	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.140%			
50) Toluene-d8	8.646	98	374014	51.619	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.240%			
62) 4-Bromofluorobenzene	11.079	95	142043	55.656	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.320%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	27690	17.618	ug/l	100
3) Chloromethane	1.294	50	42798	15.697	ug/l	100
4) Vinyl Chloride	1.373	62	44432	14.906	ug/l	98
5) Bromomethane	1.617	94	39965	18.323	ug/l	97
6) Chloroethane	1.690	64	41673	19.044	ug/l	100
7) Trichlorofluoromethane	1.885	101	74628	16.468	ug/l	97
8) Diethyl Ether	2.135	74	34527	19.737	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.324	101	34606	18.195	ug/l	98
10) Methyl Iodide	2.452	142	44098	19.135	ug/l	93
11) Tert butyl alcohol	3.007	59	56380	130.156	ug/l	99
12) 1,1-Dichloroethene	2.318	96	33657	17.839	ug/l	88
13) Acrolein	2.239	56	41096	69.080	ug/l	100
14) Allyl chloride	2.666	41	62717	20.455	ug/l	98
15) Acrylonitrile	3.068	53	116291	105.915	ug/l	99
16) Acetone	2.391	43	112599	110.701	ug/l	96
17) Carbon Disulfide	2.507	76	76980	16.613	ug/l	99
18) Methyl Acetate	2.708	43	92789	22.184	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	138127	22.654	ug/l	98
20) Methylene Chloride	2.788	84	46198	21.094	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	38181	18.964	ug/l	89
22) Diisopropyl ether	3.763	45	136161	22.162	ug/l #	84
23) Vinyl Acetate	3.720	43	500926	112.350	ug/l	98
24) 1,1-Dichloroethane	3.605	63	73604	20.328	ug/l	99
25) 2-Butanone	4.568	43	168073	115.005	ug/l	95
26) 2,2-Dichloropropane	4.470	77	57429	22.363	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	47146	20.880	ug/l	93
28) Bromochloromethane	4.897	49	41236	21.959	ug/l	91
29) Tetrahydrofuran	5.013	42	107688	115.738	ug/l	96
30) Chloroform	5.092	83	78562	21.542	ug/l	97
31) Cyclohexane	5.464	56	54342	17.820	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	61703	20.255	ug/l	100
36) 1,1-Dichloropropene	5.690	75	51529	17.820	ug/l	98
37) Ethyl Acetate	4.714	43	65931	22.370	ug/l	99
38) Carbon Tetrachloride	5.677	117	50225	19.017	ug/l	95
39) Methylcyclohexane	7.378	83	57536	16.612	ug/l	93
40) Benzene	6.037	78	163881	20.287	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.921	41	33945	20.762	ug/l	90
42) 1,2-Dichloroethane	6.086	62	64552	21.010	ug/l	98
43) Isopropyl Acetate	6.336	43	106180	22.583	ug/l	97
44) Trichloroethene	7.122	130	43553	19.384	ug/l	95
45) 1,2-Dichloropropane	7.427	63	44706	20.321	ug/l	100
46) Dibromomethane	7.580	93	32446	20.951	ug/l	93
47) Bromodichloromethane	7.823	83	58679	20.953	ug/l	97
48) Methyl methacrylate	7.689	41	51078	21.788	ug/l	91
49) 1,4-Dioxane	7.720	88	24063	463.022	ug/l #	92
51) 4-Methyl-2-Pentanone	8.573	43	340416	112.381	ug/l	100
52) Toluene	8.720	92	101725	19.871	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	64428	22.775	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	70969	22.192	ug/l	92
55) 1,1,2-Trichloroethane	9.152	97	46732	21.965	ug/l	98
56) Ethyl methacrylate	9.116	69	70775	22.240	ug/l	96
57) 1,3-Dichloropropane	9.311	76	77871	21.356	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	201474	112.655	ug/l	98
59) 2-Hexanone	9.433	43	258843	117.016	ug/l	98
60) Dibromochloromethane	9.524	129	45321	21.925	ug/l	99
61) 1,2-Dibromoethane	9.610	107	48670	21.556	ug/l	99
64) Tetrachloroethene	9.274	164	40543	21.136	ug/l	93
65) Chlorobenzene	10.079	112	115331	20.195	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.164	131	41293	21.392	ug/l	95
67) Ethyl Benzene	10.195	91	195596	19.266	ug/l	99
68) m/p-Xylenes	10.299	106	151711	38.462	ug/l	96
69) o-Xylene	10.640	106	78498	20.608	ug/l	94
70) Styrene	10.652	104	125550	20.131	ug/l	97
71) Bromoform	10.798	173	31292	22.601	ug/l #	99
73) Isopropylbenzene	10.963	105	185475	18.652	ug/l	98
74) N-amyl acetate	10.841	43	88875	22.596	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	70627	20.974	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	58620m	20.828	ug/l	
77) Bromobenzene	11.201	156	48582	19.869	ug/l	94
78) n-propylbenzene	11.304	91	216294	18.625	ug/l	99
79) 2-Chlorotoluene	11.365	91	132425	19.169	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	160383	19.045	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	19470	22.550	ug/l	96
82) 4-Chlorotoluene	11.457	91	156514	19.460	ug/l	96
83) tert-Butylbenzene	11.713	119	148278	18.373	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	164919	19.795	ug/l	96
85) sec-Butylbenzene	11.890	105	186712	18.262	ug/l	100
86) p-Isopropyltoluene	12.012	119	160207	18.671	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	89067	19.813	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	92403	20.186	ug/l	97
89) n-Butylbenzene	12.329	91	136133	17.827	ug/l	98
90) Hexachloroethane	12.536	117	24133	18.570	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	90091	20.353	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	14393	22.503	ug/l	83
93) 1,2,4-Trichlorobenzene	13.585	180	54656	20.047	ug/l	95
94) Hexachlorobutadiene	13.725	225	19782	17.716	ug/l	98
95) Naphthalene	13.774	128	192815	21.407	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	54858	20.627	ug/l	98

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

