

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022123\
 Data File : VX034206.D
 Acq On : 21 Feb 2023 13:09
 Operator : JC/MD
 Sample : VX0221WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBS01

Quant Time: Feb 22 05:49:41 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 02/22/2023
 Supervised By : Mahesh Dadoda 02/22/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	324107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	540844	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	486431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	238007	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	200038	45.828	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.660%		
35) Dibromofluoromethane	5.385	113	173014	49.132	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.260%		
50) Toluene-d8	8.647	98	646078	51.101	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.200%		
62) 4-Bromofluorobenzene	11.079	95	239048	49.430	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.860%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	58436	20.865	ug/l	100
3) Chloromethane	1.300	50	82734	20.528	ug/l	98
4) Vinyl Chloride	1.374	62	85188	23.209	ug/l	99
5) Bromomethane	1.605	94	46666	31.045	ug/l	99
6) Chloroethane	1.684	64	46735	25.328	ug/l	96
7) Trichlorofluoromethane	1.892	101	118099	23.783	ug/l	99
8) Diethyl Ether	2.136	74	44875	22.431	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	65455	18.717	ug/l	95
10) Methyl Iodide	2.453	142	69719	16.374	ug/l	93
11) Tert butyl alcohol	2.959	59	90350	92.545	ug/l #	83
12) 1,1-Dichloroethene	2.318	96	65923	18.805	ug/l	95
13) Acrolein	2.233	56	42258	94.823	ug/l	99
14) Allyl chloride	2.666	41	133966	18.015	ug/l	88
15) Acrylonitrile	3.062	53	207907	97.619	ug/l	99
16) Acetone	2.379	43	181642	80.670	ug/l	95
17) Carbon Disulfide	2.514	76	181819	18.040	ug/l	99
18) Methyl Acetate	2.703	43	136397	19.577	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	233016	18.833	ug/l	97
20) Methylene Chloride	2.788	84	75765	18.675	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	70325	19.145	ug/l	97
22) Diisopropyl ether	3.763	45	262509	20.136	ug/l	91
23) Vinyl Acetate	3.721	43	1022496	97.895	ug/l	100
24) 1,1-Dichloroethane	3.611	63	135098	18.877	ug/l	98
25) 2-Butanone	4.556	43	299690	91.987	ug/l	100
26) 2,2-Dichloropropane	4.477	77	114547	17.668	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	86152	19.806	ug/l	100
28) Bromochloromethane	4.903	49	64601	20.234	ug/l	90
29) Tetrahydrofuran	5.007	42	194505	97.865	ug/l	99
30) Chloroform	5.092	83	130844	19.039	ug/l	99
31) Cyclohexane	5.470	56	121829	18.694	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	115446	18.740	ug/l	99
36) 1,1-Dichloropropene	5.696	75	98027	18.823	ug/l	99
37) Ethyl Acetate	4.714	43	115672	19.874	ug/l	98
38) Carbon Tetrachloride	5.684	117	101044	18.855	ug/l	96
39) Methylcyclohexane	7.379	83	126199	18.830	ug/l	98
40) Benzene	6.037	78	300504	19.471	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	63384	19.546	ug/l	99
42) 1,2-Dichloroethane	6.092	62	99178	18.272	ug/l	100
43) Isopropyl Acetate	6.342	43	196711	19.152	ug/l	100
44) Trichloroethene	7.129	130	77264	19.509	ug/l	95
45) 1,2-Dichloropropane	7.433	63	80514	19.597	ug/l	99
46) Dibromomethane	7.580	93	51355	18.993	ug/l	90
47) Bromodichloromethane	7.824	83	104174	18.774	ug/l	95
48) Methyl methacrylate	7.689	41	92417	18.958	ug/l	99
49) 1,4-Dioxane	7.659	88	37793	388.679	ug/l #	96
51) 4-Methyl-2-Pentanone	8.573	43	593905	105.101	ug/l	99
52) Toluene	8.720	92	188806	20.190	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	118475	18.549	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	127024	18.577	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	76140	20.172	ug/l	99
56) Ethyl methacrylate	9.116	69	126234	19.769	ug/l	99
57) 1,3-Dichloropropane	9.311	76	131498	20.023	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	278968	100.852	ug/l	95
59) 2-Hexanone	9.427	43	447635	103.944	ug/l	98
60) Dibromochloromethane	9.518	129	82960	19.891	ug/l	98
61) 1,2-Dibromoethane	9.610	107	78821	19.745	ug/l	96
64) Tetrachloroethene	9.275	164	66470	19.361	ug/l	95
65) Chlorobenzene	10.079	112	201803	19.902	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	76229	19.420	ug/l	97
67) Ethyl Benzene	10.195	91	356692	19.581	ug/l	98
68) m/p-Xylenes	10.299	106	279016	40.024	ug/l	98
69) o-Xylene	10.640	106	135977	19.593	ug/l	95
70) Styrene	10.652	104	224794	19.916	ug/l	98
71) Bromoform	10.799	173	60550	18.898	ug/l #	100
73) Isopropylbenzene	10.963	105	351533	19.380	ug/l	99
74) N-amyl acetate	10.841	43	173354	19.023	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	118741	19.139	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	110683m	18.481	ug/l	
77) Bromobenzene	11.195	156	84750	19.415	ug/l	87
78) n-propylbenzene	11.305	91	407509	19.317	ug/l	97
79) 2-Chlorotoluene	11.366	91	245506	18.979	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	294124	19.286	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	40235	17.259	ug/l	92
82) 4-Chlorotoluene	11.457	91	274965	18.663	ug/l	97
83) tert-Butylbenzene	11.713	119	305226	19.542	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	294798	19.118	ug/l	99
85) sec-Butylbenzene	11.890	105	369661	19.489	ug/l	98
86) p-Isopropyltoluene	12.012	119	308179	19.632	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	161415	19.717	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	160705	19.462	ug/l	97
89) n-Butylbenzene	12.335	91	265607	18.997	ug/l	97
90) Hexachloroethane	12.536	117	59086	18.002	ug/l	82
91) 1,2-Dichlorobenzene	12.335	146	158976	19.848	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23535	15.908	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	94303	18.338	ug/l	99
94) Hexachlorobutadiene	13.725	225	39360	18.463	ug/l	99
95) Naphthalene	13.774	128	328066	18.938	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	93325	18.280	ug/l	97

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

