

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031023\
 Data File : VX034418.D
 Acq On : 10 Mar 2023 15:30
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Mar 11 04:01:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 11 03:52:59 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/13/2023
 Supervised By : Mahesh Dadoda 03/13/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	294336	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	522068	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	455453	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	210031	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	78 - 117	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	92 - 112	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.166	85	2668m	0.985	ug/l	
3) Chloromethane	1.307	50	5067m	1.127	ug/l	
4) Vinyl Chloride	1.374	62	3941	1.069	ug/l #	63
6) Chloroethane	1.685	64	2518	1.146	ug/l	100
7) Trichlorofluoromethane	1.886	101	5623	1.010	ug/l	88
8) Diethyl Ether	2.136	74	2045	1.008	ug/l	62
9) 1,1,2-Trichlorotrifluo...	2.331	101	3478	1.060	ug/l	95
12) 1,1-Dichloroethene	2.319	96	3400	1.058	ug/l	94
14) Allyl chloride	2.660	41	7021	1.077	ug/l	96
15) Acrylonitrile	3.062	53	10279	5.237	ug/l	96
16) Acetone	2.373	43	10881	5.456	ug/l	99
17) Carbon Disulfide	2.508	76	13552	1.515	ug/l	96
18) Methyl Acetate	2.703	43	7797	1.155	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	12531	1.071	ug/l #	88
20) Methylene Chloride	2.788	84	5177	1.294	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	4224	1.174	ug/l	92
22) Diisopropyl ether	3.763	45	13107	1.048	ug/l #	83
23) Vinyl Acetate	3.727	43	45550	4.809	ug/l	95
24) 1,1-Dichloroethane	3.605	63	6660	0.994	ug/l	96
25) 2-Butanone	4.568	43	15412	5.256	ug/l	93
26) 2,2-Dichloropropane	4.458	77	5753m	0.988	ug/l	
27) cis-1,2-Dichloroethene	4.483	96	4742	1.121	ug/l	93
28) Bromochloromethane	4.897	49	3239	1.025	ug/l #	91
29) Tetrahydrofuran	5.007	42	9624	5.314	ug/l	98
30) Chloroform	5.086	83	7173	1.065	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	5450	0.941	ug/l #	51
36) 1,1-Dichloropropene	5.702	75	5459	1.037	ug/l	95
37) Ethyl Acetate	4.727	43	6564	1.118	ug/l #	89
38) Carbon Tetrachloride	5.678	117	4701	0.904	ug/l	94
39) Methylcyclohexane	7.373	83	5766	0.920	ug/l #	88
40) Benzene	6.044	78	15691	1.018	ug/l	92
41) Methacrylonitrile	4.928	41	3115	0.984	ug/l	93
42) 1,2-Dichloroethane	6.098	62	5340	0.936	ug/l	98
43) Isopropyl Acetate	6.342	43	9718	0.988	ug/l	95
44) Trichloroethene	7.129	130	3993	1.002	ug/l	91
45) 1,2-Dichloropropane	7.434	63	4003	0.991	ug/l	94

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46) Dibromomethane	7.586	93	2698	0.974	ug/l	94
47) Bromodichloromethane	7.824	83	5014	0.936	ug/l #	97
48) Methyl methacrylate	7.702	41	4458	0.943	ug/l	97
49) 1,4-Dioxane	7.671	88	1864	18.821	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	27910	4.883	ug/l	98
52) Toluene	8.720	92	9493	0.988	ug/l	95
53) t-1,3-Dichloropropene	8.988	75	5173	0.861	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	5794	0.894	ug/l	95
55) 1,1,2-Trichloroethane	9.159	97	3804	0.986	ug/l #	82
56) Ethyl methacrylate	9.122	69	5690	0.915	ug/l	96
57) 1,3-Dichloropropane	9.311	76	6515	0.967	ug/l	92
58) 2-Chloroethyl Vinyl ether	8.244	63	17615	5.569	ug/l	96
59) 2-Hexanone	9.433	43	20085	4.597	ug/l	100
60) Dibromochloromethane	9.519	129	3570	0.888	ug/l	93
61) 1,2-Dibromoethane	9.610	107	4077	0.987	ug/l	99
64) Tetrachloroethene	9.275	164	3617	1.154	ug/l	94
65) Chlorobenzene	10.079	112	10742	1.072	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	3347	0.925	ug/l #	66
67) Ethyl Benzene	10.195	91	17646	0.994	ug/l	99
68) m/p-Xylenes	10.299	106	13846	2.016	ug/l	99
69) o-Xylene	10.640	106	6247	0.927	ug/l	88
70) Styrene	10.659	104	10548	0.947	ug/l	96
71) Bromoform	10.805	173	2230	0.803	ug/l #	94
73) Isopropylbenzene	10.963	105	16662	1.035	ug/l	99
74) N-amyl acetate	10.848	43	7352	0.950	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	5654	1.044	ug/l	96
76) 1,2,3-Trichloropropane	11.238	75	5007m	1.030	ug/l	
77) Bromobenzene	11.201	156	4397	1.114	ug/l	93
78) n-propylbenzene	11.305	91	20023	1.054	ug/l	100
79) 2-Chlorotoluene	11.366	91	12929	1.101	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	13998	1.022	ug/l	100
82) 4-Chlorotoluene	11.457	91	14576	1.077	ug/l	96
83) tert-Butylbenzene	11.713	119	13500	0.991	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	14148	1.022	ug/l	97
85) sec-Butylbenzene	11.890	105	15600	0.941	ug/l	99
86) p-Isopropyltoluene	12.012	119	13225	0.946	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	8520	1.107	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	9198m	1.172	ug/l	
89) n-Butylbenzene	12.335	91	11833	0.944	ug/l	96
90) Hexachloroethane	12.536	117	2180	0.850	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	8363	1.121	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1114	0.917	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	5428	1.136	ug/l	97
94) Hexachlorobutadiene	13.725	225	2121	1.123	ug/l	99
95) Naphthalene	13.774	128	15780	1.011	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	4900	1.058	ug/l	99

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

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