

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
 Data File : VX032977.D
 Acq On : 22 Nov 2022 12:56
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Nov 22 13:21:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 10:04:48 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/23/2022
 Supervised By : Mahesh Dadoda 11/28/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	120950	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	191968	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	169802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76387	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	1046	0.750	ug/l	96
3) Chloromethane	1.294	50	1209	1.025	ug/l #	87
4) Vinyl Chloride	1.374	62	1279	0.985	ug/l	100
6) Chloroethane	1.691	64	890	1.022	ug/l	99
7) Trichlorofluoromethane	1.892	101	2362	0.960	ug/l	93
8) Diethyl Ether	2.136	74	676	0.848	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.331	101	1184	0.912	ug/l	95
12) 1,1-Dichloroethene	2.325	96	1029	0.848	ug/l	87
14) Allyl chloride	2.666	41	1721	0.890	ug/l	97
15) Acrylonitrile	3.068	53	2698	4.064	ug/l	97
16) Acetone	2.404	43	3029	4.959	ug/l #	87
17) Carbon Disulfide	2.514	76	3541	1.226	ug/l #	93
18) Methyl Acetate	2.715	43	1647	0.829	ug/l #	81
19) Methyl tert-butyl Ether	3.111	73	3488	0.818	ug/l	99
20) Methylene Chloride	2.794	84	1865	1.332	ug/l #	84
21) trans-1,2-Dichloroethene	3.093	96	1333	1.010	ug/l	94
22) Diisopropyl ether	3.763	45	3432	0.821	ug/l #	81
23) Vinyl Acetate	3.727	43	12970	3.838	ug/l	98
24) 1,1-Dichloroethane	3.617	63	2092	0.870	ug/l #	94
25) 2-Butanone	4.580	43	3849	4.067	ug/l	94
26) 2,2-Dichloropropane	4.483	77	1566	0.819	ug/l #	71
27) cis-1,2-Dichloroethene	4.501	96	1341	0.879	ug/l	89
28) Bromochloromethane	4.910	49	891	1.040	ug/l #	97
29) Tetrahydrofuran	5.032	42	2495	4.135	ug/l	96
30) Chloroform	5.092	83	2276	0.862	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	2052	0.866	ug/l #	51
36) 1,1-Dichloropropene	5.702	75	1851	0.971	ug/l	95
37) Ethyl Acetate	4.745	43	1520m	0.766	ug/l	
38) Carbon Tetrachloride	5.684	117	1945	0.920	ug/l #	77
39) Methylcyclohexane	7.385	83	1956	0.867	ug/l	95
40) Benzene	6.037	78	4743	0.879	ug/l	97
41) Methacrylonitrile	4.940	41	834	0.825	ug/l #	81
42) 1,2-Dichloroethane	6.092	62	1898	0.860	ug/l #	77
43) Isopropyl Acetate	6.348	43	2349	0.771	ug/l #	89
44) Trichloroethene	7.129	130	1329	0.875	ug/l	99
45) 1,2-Dichloropropane	7.427	63	1104	0.797	ug/l #	79

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Manual Integrations
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Reviewed By : John Carlone 11/23/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.586	93	973	0.916	ug/l	96
47) Bromodichloromethane	7.824	83	1657	0.823	ug/l	88
48) Methyl methacrylate	7.702	41	1214	0.771	ug/l	92
49) 1,4-Dioxane	7.726	88	471m	15.702	ug/l	
51) 4-Methyl-2-Pentanone	8.580	43	7205	3.753	ug/l	95
52) Toluene	8.720	92	2975	0.845	ug/l	94
53) t-1,3-Dichloropropene	8.982	75	1322	0.644	ug/l #	86
54) cis-1,3-Dichloropropene	8.372	75	1654	0.753	ug/l	98
55) 1,1,2-Trichloroethane	9.159	97	1273	0.859	ug/l #	76
56) Ethyl methacrylate	9.122	69	1451	0.680	ug/l	93
57) 1,3-Dichloropropane	9.311	76	2132	0.890	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	3922	3.818	ug/l	96
59) 2-Hexanone	9.433	43	5161	3.623	ug/l	99
60) Dibromochloromethane	9.525	129	1298	0.802	ug/l	98
61) 1,2-Dibromoethane	9.616	107	1307	0.832	ug/l	99
64) Tetrachloroethene	9.275	164	1388	1.117	ug/l #	86
65) Chlorobenzene	10.079	112	3401	0.894	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.159	131	1134	0.792	ug/l #	64
67) Ethyl Benzene	10.195	91	5598	0.823	ug/l	98
68) m/p-Xylenes	10.305	106	4527	1.714	ug/l	97
69) o-Xylene	10.646	106	2087	0.813	ug/l	96
70) Styrene	10.659	104	3177	0.744	ug/l	97
71) Bromoform	10.799	173	818	0.723	ug/l #	92
73) Isopropylbenzene	10.963	105	5549	0.917	ug/l	100
74) N-amyl acetate	10.848	43	1644	0.719	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	1772	0.912	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	1494m	0.879	ug/l	
77) Bromobenzene	11.201	156	1441	0.971	ug/l	95
78) n-propylbenzene	11.305	91	6068	0.870	ug/l	98
79) 2-Chlorotoluene	11.366	91	4062	0.973	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	4339	0.839	ug/l	94
82) 4-Chlorotoluene	11.457	91	4698	0.961	ug/l	100
83) tert-Butylbenzene	11.713	119	4851	0.939	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	4397	0.855	ug/l	95
85) sec-Butylbenzene	11.890	105	5250	0.845	ug/l	100
86) p-Isopropyltoluene	12.012	119	4403	0.835	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	2732	0.976	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	3016m	1.039	ug/l	
89) n-Butylbenzene	12.335	91	3804	0.829	ug/l	96
90) Hexachloroethane	12.542	117	736	0.854	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	2645	0.958	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	305	0.716	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	1563	0.868	ug/l	99
94) Hexachlorobutadiene	13.725	225	822	1.094	ug/l	96
95) Naphthalene	13.780	128	4825	0.805	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	1570	0.858	ug/l	94

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

