

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062722\
 Data File : VX029817.D
 Acq On : 27 Jun 2022 14:09
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Jun 27 14:41:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 27 14:00:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/28/2022
 Supervised By : Mahesh Dadoda 06/28/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	280771	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	548564	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	464943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	209177	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	74 - 125	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	86 - 113	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	2921	0.859	ug/l	90
3) Chloromethane	1.288	50	3759	1.011	ug/l	94
4) Vinyl Chloride	1.368	62	3563	0.892	ug/l	91
6) Chloroethane	1.691	64	2119m	1.100	ug/l	
7) Trichlorofluoromethane	1.886	101	4295	0.948	ug/l	99
8) Diethyl Ether	2.130	74	2116	0.986	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.325	101	2920	0.899	ug/l #	87
12) 1,1-Dichloroethene	2.319	96	3273	1.019	ug/l	96
14) Allyl chloride	2.666	41	5551	0.897	ug/l	93
15) Acrylonitrile	3.075	53	12082	4.908	ug/l	97
16) Acetone	2.380	43	11042	5.564	ug/l #	79
17) Carbon Disulfide	2.514	76	9081	1.125	ug/l	98
18) Methyl Acetate	2.709	43	6598	1.107	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	11427	1.012	ug/l	98
20) Methylene Chloride	2.788	84	4771	1.165	ug/l #	83
21) trans-1,2-Dichloroethene	3.093	96	3516	1.013	ug/l	86
22) Diisopropyl ether	3.757	45	12186	0.985	ug/l #	49
23) Vinyl Acetate	3.727	43	46625	4.444	ug/l #	89
24) 1,1-Dichloroethane	3.611	63	6541	0.975	ug/l	97
25) 2-Butanone	4.574	43	17525	5.195	ug/l	93
26) 2,2-Dichloropropane	4.477	77	4757	1.021	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	4391	1.021	ug/l	99
28) Bromochloromethane	4.910	49	3193	1.169	ug/l	86
29) Tetrahydrofuran	5.019	42	11224	4.926	ug/l	90
30) Chloroform	5.093	83	6563	1.010	ug/l #	82
32) 1,1,1-Trichloroethane	5.391	97	5043	1.000	ug/l #	48
36) 1,1-Dichloropropene	5.696	75	5297	1.061	ug/l	81
37) Ethyl Acetate	4.727	43	5442	0.887	ug/l #	92
38) Carbon Tetrachloride	5.684	117	4017	1.013	ug/l #	89
39) Methylcyclohexane	7.385	83	5515	0.910	ug/l	95
40) Benzene	6.044	78	15375	0.983	ug/l	96
41) Methacrylonitrile	4.928	41	3780	1.100	ug/l #	87
42) 1,2-Dichloroethane	6.092	62	5300	1.053	ug/l	88
43) Isopropyl Acetate	6.348	43	8798	0.926	ug/l	95
44) Trichloroethene	7.129	130	4058	0.995	ug/l	89
45) 1,2-Dichloropropane	7.440	63	4303	1.035	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.586	93	2623	0.994	ug/l #	84
47) Bromodichloromethane	7.830	83	4212	0.883	ug/l #	82
48) Methyl methacrylate	7.702	41	5063	1.098	ug/l #	77
49) 1,4-Dioxane	7.690	88	2430	22.344	ug/l #	26
51) 4-Methyl-2-Pentanone	8.580	43	28561	4.549	ug/l	93
52) Toluene	8.720	92	8708	0.941	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	4683	0.920	ug/l	96
54) cis-1,3-Dichloropropene	8.372	75	5888	0.997	ug/l #	83
55) 1,1,2-Trichloroethane	9.159	97	3907	1.005	ug/l	93
56) Ethyl methacrylate	9.122	69	5388	0.826	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	5916	0.893	ug/l	90
58) 2-Chloroethyl Vinyl ether	8.244	63	13982	4.366	ug/l	95
59) 2-Hexanone	9.439	43	21822	4.514	ug/l	92
60) Dibromochloromethane	9.525	129	3041	0.914	ug/l	99
61) 1,2-Dibromoethane	9.616	107	3592	0.907	ug/l	93
64) Tetrachloroethene	9.275	164	2747	1.068	ug/l #	83
65) Chlorobenzene	10.086	112	9739	1.048	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	3034	1.003	ug/l #	66
67) Ethyl Benzene	10.195	91	16886	0.999	ug/l	98
68) m/p-Xylenes	10.305	106	12901	2.026	ug/l	98
69) o-Xylene	10.646	106	6098	0.969	ug/l	91
70) Styrene	10.659	104	10119	0.980	ug/l	97
71) Bromoform	10.799	173	1820	0.887	ug/l #	96
73) Isopropylbenzene	10.970	105	15533	0.927	ug/l	99
74) N-amyl acetate	10.848	43	7096	0.883	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	6674	1.025	ug/l	94
76) 1,2,3-Trichloropropane	11.244	75	5365m	0.937	ug/l	
77) Bromobenzene	11.201	156	3673	1.012	ug/l	89
78) n-propylbenzene	11.305	91	19102	0.939	ug/l	99
79) 2-Chlorotoluene	11.366	91	11937	0.978	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	13256	0.951	ug/l	99
82) 4-Chlorotoluene	11.457	91	14462	1.056	ug/l	95
83) tert-Butylbenzene	11.719	119	12493	0.907	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	13889	0.989	ug/l	94
85) sec-Butylbenzene	11.896	105	16758	0.956	ug/l	98
86) p-Isopropyltoluene	12.012	119	12503	0.891	ug/l	90
87) 1,3-Dichlorobenzene	11.975	146	7401	1.058	ug/l	87
88) 1,4-Dichlorobenzene	12.043	146	7660m	1.081	ug/l	
89) n-Butylbenzene	12.335	91	12701	0.983	ug/l	97
90) Hexachloroethane	12.536	117	1943	0.905	ug/l	79
91) 1,2-Dichlorobenzene	12.335	146	7707	1.122	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1733	1.200	ug/l	62
93) 1,2,4-Trichlorobenzene	13.591	180	4522	1.148	ug/l	97
94) Hexachlorobutadiene	13.719	225	1664	1.166	ug/l	93
95) Naphthalene	13.780	128	17624	1.041	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	4418	1.100	ug/l	91

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

Manual Integrations

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