

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052623\
 Data File : VX035886.D
 Acq On : 26 May 2023 15:54
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: May 29 07:20:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052623W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 29 07:19:34 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/30/2023
 Supervised By : Mahesh Dadoda 05/30/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	210591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	363294	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	322367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	144059	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	2671	0.954	ug/l	93
3) Chloromethane	1.295	50	2916	1.010	ug/l #	81
4) Vinyl Chloride	1.374	62	2750	0.991	ug/l #	85
6) Chloroethane	1.691	64	1687	1.088	ug/l	89
7) Trichlorofluoromethane	1.886	101	4217	1.013	ug/l	99
8) Diethyl Ether	2.130	74	1366	0.894	ug/l	60
9) 1,1,2-Trichlorotrifluo...	2.325	101	2507	1.016	ug/l	96
12) 1,1-Dichloroethene	2.319	96	2394	1.035	ug/l #	86
14) Allyl chloride	2.666	41	4492	0.983	ug/l	95
15) Acrylonitrile	3.069	53	7243	4.859	ug/l	98
16) Acetone	2.392	43	8372	5.541	ug/l	98
17) Carbon Disulfide	2.514	76	5346	0.998	ug/l	99
18) Methyl Acetate	2.703	43	5748	0.985	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	8694	0.975	ug/l	97
20) Methylene Chloride	2.788	84	6137	1.424	ug/l #	92
21) trans-1,2-Dichloroethene	3.087	96	2699	1.059	ug/l	93
22) Diisopropyl ether	3.757	45	8711	0.950	ug/l #	96
23) Vinyl Acetate	3.721	43	27415	4.290	ug/l	96
24) 1,1-Dichloroethane	3.605	63	5028	0.993	ug/l #	94
25) 2-Butanone	4.568	43	10463	4.788	ug/l	94
26) 2,2-Dichloropropane	4.471	77	3843	0.984	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	2932	0.989	ug/l	97
28) Bromochloromethane	4.904	49	2308	0.941	ug/l #	90
29) Tetrahydrofuran	5.019	42	6543	4.628	ug/l #	50
30) Chloroform	5.087	83	4983	0.959	ug/l #	83
32) 1,1,1-Trichloroethane	5.379	97	4081	0.909	ug/l #	36
36) 1,1-Dichloropropene	5.690	75	3940	1.040	ug/l	95
37) Ethyl Acetate	4.715	43	4160	1.014	ug/l #	88
38) Carbon Tetrachloride	5.678	117	3388	0.949	ug/l	92
39) Methylcyclohexane	7.379	83	4188	0.969	ug/l #	88
40) Benzene	6.038	78	10855	1.023	ug/l	91
41) Methacrylonitrile	4.916	41	2334	1.000	ug/l #	75
42) 1,2-Dichloroethane	6.092	62	4379	0.977	ug/l	100
43) Isopropyl Acetate	6.336	43	5876	0.894	ug/l	95
44) Trichloroethene	7.129	130	2593	0.981	ug/l	91
45) 1,2-Dichloropropane	7.434	63	2914	1.041	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.580	93	1862	0.969	ug/l	98
47) Bromodichloromethane	7.824	83	3268	0.912	ug/l #	98
48) Methyl methacrylate	7.696	41	3321	0.984	ug/l	92
49) 1,4-Dioxane	7.720	88	1649m	22.901	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	19052	4.656	ug/l	95
52) Toluene	8.720	92	6560	0.984	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	2775	0.750	ug/l #	84
54) cis-1,3-Dichloropropene	8.366	75	3176	0.787	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	2425	0.918	ug/l	93
56) Ethyl methacrylate	9.116	69	3528	0.848	ug/l	97
57) 1,3-Dichloropropane	9.311	76	5014	1.046	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	9891	4.493	ug/l	98
59) 2-Hexanone	9.433	43	14296	4.622	ug/l	92
60) Dibromochloromethane	9.519	129	1788	0.739	ug/l	93
61) 1,2-Dibromoethane	9.610	107	2627	0.944	ug/l	88
64) Tetrachloroethene	9.275	164	2356	1.080	ug/l	92
65) Chlorobenzene	10.080	112	6864	1.000	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	1967	0.835	ug/l #	66
67) Ethyl Benzene	10.195	91	12856	1.010	ug/l	96
68) m/p-Xylenes	10.299	106	8710	1.849	ug/l	93
69) o-Xylene	10.640	106	4259	0.910	ug/l	88
70) Styrene	10.653	104	6829	0.888	ug/l	94
71) Bromoform	10.799	173	1198	0.787	ug/l #	89
73) Isopropylbenzene	10.964	105	11479	0.982	ug/l	100
74) N-amyl acetate	10.842	43	4401	0.866	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	3913	1.025	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	3521m	0.979	ug/l	
77) Bromobenzene	11.201	156	2550	0.968	ug/l	88
78) n-propylbenzene	11.305	91	12877	0.946	ug/l	97
79) 2-Chlorotoluene	11.366	91	9194	1.065	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	9283	0.933	ug/l	98
82) 4-Chlorotoluene	11.457	91	9614	0.979	ug/l	95
83) tert-Butylbenzene	11.713	119	9137	0.956	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	9303	0.933	ug/l	99
85) sec-Butylbenzene	11.890	105	11175	0.936	ug/l	96
86) p-Isopropyltoluene	12.012	119	9003	0.902	ug/l	92
87) 1,3-Dichlorobenzene	11.969	146	4870	0.968	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	5506m	1.062	ug/l	
89) n-Butylbenzene	12.329	91	7796	0.888	ug/l	99
90) Hexachloroethane	12.543	117	1102	0.763	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	5123	1.031	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	636	0.796	ug/l	83
93) 1,2,4-Trichlorobenzene	13.585	180	2850	0.976	ug/l	100
94) Hexachlorobutadiene	13.725	225	1297	1.107	ug/l	88
95) Naphthalene	13.774	128	9486	0.935	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	2971	1.021	ug/l	93

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

