

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071222\
 Data File : VX030012.D
 Acq On : 12 Jul 2022 11:56
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Jul 12 13:20:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 12 13:19:22 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/13/2022
 Supervised By : Mahesh Dadoda 07/13/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	211917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	366751	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	319216	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	146844	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	12983	4.840	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	9.680%#		
35) Dibromofluoromethane	5.385	113	12133	5.294	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.580%#		
50) Toluene-d8	8.653	98	42026	4.888	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.780%#		
62) 4-Bromofluorobenzene	11.085	95	14280	4.698	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.400%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	9098	4.402	ug/l	96
3) Chloromethane	1.288	50	8714	3.660	ug/l	99
4) Vinyl Chloride	1.374	62	10354	4.372	ug/l	98
5) Bromomethane	1.605	94	4611	3.534	ug/l	89
6) Chloroethane	1.678	64	6091	4.401	ug/l	97
7) Trichlorofluoromethane	1.886	101	14531	4.780	ug/l	93
8) Diethyl Ether	2.136	74	6805	4.994	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	9977	4.694	ug/l	94
10) Methyl Iodide	2.453	142	5426	2.106	ug/l	98
11) Tert butyl alcohol	2.977	59	20533	29.268	ug/l #	88
12) 1,1-Dichloroethene	2.319	96	10072	4.615	ug/l	83
13) Acrolein	2.239	56	3929	11.211	ug/l	92
14) Allyl chloride	2.666	41	18185	4.515	ug/l	96
15) Acrylonitrile	3.068	53	37637	22.980	ug/l	96
16) Acetone	2.386	43	29878	22.766	ug/l	96
17) Carbon Disulfide	2.508	76	18643	3.435	ug/l	99
18) Methyl Acetate	2.709	43	20197	4.992	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	34484	4.680	ug/l	98
20) Methylene Chloride	2.794	84	14294	5.157	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	10421	4.353	ug/l	91
22) Diisopropyl ether	3.769	45	35763	4.394	ug/l	87
23) Vinyl Acetate	3.727	43	145767	20.707	ug/l	99
24) 1,1-Dichloroethane	3.611	63	20012	4.662	ug/l	99
25) 2-Butanone	4.562	43	50479	22.161	ug/l	98
26) 2,2-Dichloropropane	4.483	77	14133	5.017	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	13440	4.755	ug/l	96
28) Bromochloromethane	4.903	49	8480	4.929	ug/l	97
29) Tetrahydrofuran	5.013	42	34754	23.185	ug/l	99
30) Chloroform	5.099	83	20747	4.929	ug/l	95
31) Cyclohexane	5.476	56	15543	4.156	ug/l	91
32) 1,1,1-Trichloroethane	5.391	97	15934	4.754	ug/l	98
36) 1,1-Dichloropropene	5.702	75	13985	4.588	ug/l	97
37) Ethyl Acetate	4.727	43	19018	4.562	ug/l #	93
38) Carbon Tetrachloride	5.678	117	13798	5.224	ug/l	90
39) Methylcyclohexane	7.385	83	17586	4.771	ug/l	91
40) Benzene	6.043	78	45297	4.595	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	10324	4.658	ug/l	93
42) 1,2-Dichloroethane	6.086	62	14108	4.663	ug/l	93
43) Isopropyl Acetate	6.348	43	29397	4.682	ug/l	99
44) Trichloroethene	7.129	130	13909	5.240	ug/l	94
45) 1,2-Dichloropropane	7.433	63	12250	4.704	ug/l	96
46) Dibromomethane	7.580	93	8387	4.924	ug/l	95
47) Bromodichloromethane	7.824	83	15412	5.048	ug/l	98
48) Methyl methacrylate	7.702	41	13060	4.387	ug/l	95
49) 1,4-Dioxane	7.683	88	6927	98.273	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	98028	23.679	ug/l	99
52) Toluene	8.720	92	29747	5.001	ug/l	94
53) t-1,3-Dichloropropene	8.982	75	15946	4.901	ug/l	92
54) cis-1,3-Dichloropropene	8.366	75	17741	4.825	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	12784	4.933	ug/l	95
56) Ethyl methacrylate	9.122	69	18290	4.477	ug/l	99
57) 1,3-Dichloropropane	9.311	76	20382	4.889	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	39170	20.091	ug/l	99
59) 2-Hexanone	9.433	43	74363	23.146	ug/l	100
60) Dibromochloromethane	9.525	129	12861	5.617	ug/l	94
61) 1,2-Dibromoethane	9.610	107	13109	4.950	ug/l	93
64) Tetrachloroethene	9.275	164	13092	6.800	ug/l	92
65) Chlorobenzene	10.079	112	32038	5.000	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	11158	5.212	ug/l	98
67) Ethyl Benzene	10.195	91	53983	4.843	ug/l	100
68) m/p-Xylenes	10.305	106	42042	9.835	ug/l	97
69) o-Xylene	10.646	106	21437	4.951	ug/l	99
70) Styrene	10.658	104	35214	4.920	ug/l	97
71) Bromoform	10.799	173	8958	5.866	ug/l #	98
73) Isopropylbenzene	10.963	105	52533	4.944	ug/l	97
74) N-amyl acetate	10.841	43	21771	4.138	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	19236	4.599	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	18044m	5.133	ug/l	
77) Bromobenzene	11.201	156	13343	5.221	ug/l	95
78) n-propylbenzene	11.305	91	60079	4.794	ug/l	99
79) 2-Chlorotoluene	11.366	91	37838	5.079	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	44553	5.051	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	5449	4.923	ug/l	89
82) 4-Chlorotoluene	11.457	91	41700	4.913	ug/l	96
83) tert-Butylbenzene	11.719	119	43562	4.983	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	42740	4.837	ug/l	99
85) sec-Butylbenzene	11.890	105	54521	4.949	ug/l	99
86) p-Isopropyltoluene	12.012	119	43422	4.939	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	23878	4.866	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	24860	4.965	ug/l	94
89) n-Butylbenzene	12.335	91	38739	4.687	ug/l	99
90) Hexachloroethane	12.536	117	7713	5.378	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	25537	5.298	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	4212	4.819	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	14140	4.840	ug/l	98
94) Hexachlorobutadiene	13.731	225	5821	5.387	ug/l	98
95) Naphthalene	13.780	128	58441	4.927	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	15588	5.212	ug/l	98

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

