

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011122\
 Data File : VX026415.D
 Acq On : 11 Jan 2022 12:26
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/12/2022
 Supervised By : Mahesh Dadoda 01/12/2022

Quant Time: Jan 11 14:11:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 13:56:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	113187	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	186579	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	155738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68078	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	8106	4.950	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	9.900%#
35) Dibromofluoromethane	5.391	113	5907	4.870	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	9.740%#
50) Toluene-d8	8.653	98	21597	4.787	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	9.580%#
62) 4-Bromofluorobenzene	11.079	95	7326	4.561	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	9.120%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	6555	5.514	ug/l	93
3) Chloromethane	1.294	50	6079	4.393	ug/l	97
4) Vinyl Chloride	1.380	62	6469	4.442	ug/l	100
5) Bromomethane	1.617	94	3048	3.391	ug/l	99
6) Chloroethane	1.691	64	3109	3.036	ug/l	95
7) Trichlorofluoromethane	1.892	101	10121	4.035	ug/l	97
8) Diethyl Ether	2.136	74	3633	4.216	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	6089	4.604	ug/l	97
10) Methyl Iodide	2.459	142	4248	2.484	ug/l	99
11) Tert butyl alcohol	3.014	59	6070m	18.559	ug/l	
12) 1,1-Dichloroethene	2.325	96	5915	4.719	ug/l	95
13) Acrolein	2.245	56	5132	43.882	ug/l	96
14) Allyl chloride	2.672	41	10140	4.094	ug/l	96
15) Acrylonitrile	3.075	53	16320	20.154	ug/l	99
16) Acetone	2.392	43	18148	20.455	ug/l	94
17) Carbon Disulfide	2.520	76	16676	4.636	ug/l	100
18) Methyl Acetate	2.709	43	8157	2.834	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	21109	4.822	ug/l	98
20) Methylene Chloride	2.794	84	6608	4.231	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	6332	4.631	ug/l	95
22) Diisopropyl ether	3.763	45	22030	4.660	ug/l	94
23) Vinyl Acetate	3.727	43	86280	22.984	ug/l	98
24) 1,1-Dichloroethane	3.611	63	11704	4.568	ug/l	99
25) 2-Butanone	4.568	43	24370	19.719	ug/l	97
26) 2,2-Dichloropropane	4.477	77	7927	4.107	ug/l	76
27) cis-1,2-Dichloroethene	4.489	96	7052	4.533	ug/l	93
28) Bromochloromethane	4.904	49	5056	4.453	ug/l #	98
29) Tetrahydrofuran	5.019	42	15205	19.519	ug/l	95
30) Chloroform	5.105	83	12209	4.505	ug/l	99
31) Cyclohexane	5.470	56	11638	4.991	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	10389	4.410	ug/l	98
36) 1,1-Dichloropropene	5.696	75	9225	4.715	ug/l	97
37) Ethyl Acetate	4.721	43	9051	3.990	ug/l	99
38) Carbon Tetrachloride	5.684	117	9154	4.206	ug/l	99
39) Methylcyclohexane	7.385	83	11352	5.144	ug/l	95
40) Benzene	6.044	78	25841	4.628	ug/l	96

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	5528	4.315	ug/l #	88
42) 1,2-Dichloroethane	6.092	62	10157	4.495	ug/l	99
43) Isopropyl Acetate	6.348	43	14296	3.867	ug/l	98
44) Trichloroethene	7.135	130	7217	4.803	ug/l	93
45) 1,2-Dichloropropane	7.434	63	6349	4.445	ug/l	98
46) Dibromomethane	7.586	93	4524	4.270	ug/l	99
47) Bromodichloromethane	7.824	83	8918	4.138	ug/l	97
48) Methyl methacrylate	7.696	41	7099	4.004	ug/l	92
49) 1,4-Dioxane	7.702	88	2542	77.794	ug/l	89
51) 4-Methyl-2-Pentanone	8.580	43	44130	19.180	ug/l	98
52) Toluene	8.720	92	15804	4.598	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	7042	3.458	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	8679	3.810	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	6198	4.387	ug/l	97
56) Ethyl methacrylate	9.122	69	8703	3.994	ug/l	94
57) 1,3-Dichloropropane	9.311	76	10972	4.534	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	23847	23.076	ug/l	98
59) 2-Hexanone	9.433	43	32207	18.480	ug/l	98
60) Dibromochloromethane	9.525	129	5870	3.668	ug/l	99
61) 1,2-Dibromoethane	9.610	107	6324	4.184	ug/l	99
64) Tetrachloroethene	9.275	164	7382	5.617	ug/l	93
65) Chlorobenzene	10.079	112	15899	4.647	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	6023	4.620	ug/l	96
67) Ethyl Benzene	10.195	91	29896	4.887	ug/l	96
68) m/p-Xylenes	10.305	106	21515	9.420	ug/l	89
69) o-Xylene	10.640	106	10649	4.765	ug/l	91
70) Styrene	10.659	104	16599	4.531	ug/l	95
71) Bromoform	10.805	173	3700	3.499	ug/l #	95
73) Isopropylbenzene	10.963	105	28441	5.375	ug/l	97
74) N-amyl acetate	10.848	43	9597	3.950	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	7414	4.120	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	7343m	4.469	ug/l	
77) Bromobenzene	11.201	156	6363	5.070	ug/l	94
78) n-propylbenzene	11.305	91	31516	5.180	ug/l	96
79) 2-Chlorotoluene	11.366	91	19810	5.289	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	23351	5.317	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	1390	2.447	ug/l #	58
82) 4-Chlorotoluene	11.457	91	22125	5.231	ug/l	95
83) tert-Butylbenzene	11.713	119	21194	4.972	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	22913	5.222	ug/l	95
85) sec-Butylbenzene	11.890	105	26869	5.051	ug/l	100
86) p-Isopropyltoluene	12.012	119	22643	5.106	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	11736	4.982	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	11650	4.612	ug/l	93
89) n-Butylbenzene	12.335	91	18386	4.666	ug/l	98
90) Hexachloroethane	12.542	117	2983	3.368	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	11524	4.716	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1602	3.477	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	6679	4.625	ug/l	97
94) Hexachlorobutadiene	13.725	225	2960	4.937	ug/l	99
95) Naphthalene	13.774	128	22283	4.235	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	6821	4.642	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

