

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071222\
 Data File : VX030013.D
 Acq On : 12 Jul 2022 12:20
 Operator : JC/MD
 Sample : VSTDIC010
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

Quant Time: Jul 12 13:20:41 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	199256	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	345542	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	303326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140919	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	27129	10.756	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	21.520%#		
35) Dibromofluoromethane	5.391	113	24598	11.391	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	22.780%#		
50) Toluene-d8	8.653	98	93322	11.520	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	23.040%#		
62) 4-Bromofluorobenzene	11.085	95	32567	11.373	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	22.740%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	24256	12.483	ug/l	98
3) Chloromethane	1.288	50	22842	10.203	ug/l	97
4) Vinyl Chloride	1.374	62	24162	10.851	ug/l	90
5) Bromomethane	1.611	94	12034	9.809	ug/l	99
6) Chloroethane	1.685	64	13904	10.685	ug/l	96
7) Trichlorofluoromethane	1.886	101	32188	11.261	ug/l	97
8) Diethyl Ether	2.136	74	13059	10.192	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	20778	10.398	ug/l	98
10) Methyl Iodide	2.453	142	14877	6.141	ug/l	99
11) Tert butyl alcohol	2.977	59	30335	45.988	ug/l	98
12) 1,1-Dichloroethene	2.319	96	21569	10.511	ug/l	96
13) Acrolein	2.245	56	5940	18.026	ug/l	97
14) Allyl chloride	2.666	41	36933	9.752	ug/l	98
15) Acrylonitrile	3.068	53	73550	47.762	ug/l	99
16) Acetone	2.386	43	58495	47.404	ug/l	98
17) Carbon Disulfide	2.514	76	59152	11.593	ug/l	99
18) Methyl Acetate	2.709	43	33511	8.809	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	65969	9.522	ug/l	98
20) Methylene Chloride	2.788	84	25152	9.651	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	23350	10.374	ug/l	94
22) Diisopropyl ether	3.763	45	70816	9.253	ug/l	95
23) Vinyl Acetate	3.727	43	309055	46.693	ug/l	97
24) 1,1-Dichloroethane	3.611	63	39691	9.834	ug/l	97
25) 2-Butanone	4.562	43	99027	46.237	ug/l	100
26) 2,2-Dichloropropane	4.483	77	27999	10.570	ug/l	96
27) cis-1,2-Dichloroethene	4.501	96	27200	10.236	ug/l	96
28) Bromochloromethane	4.916	49	15365	9.499	ug/l	94
29) Tetrahydrofuran	5.013	42	67375	47.802	ug/l	99
30) Chloroform	5.099	83	38903	9.830	ug/l	93
31) Cyclohexane	5.470	56	37210	10.581	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	32703	10.377	ug/l	98
36) 1,1-Dichloropropene	5.702	75	30368	10.573	ug/l	99
37) Ethyl Acetate	4.721	43	36543	9.303	ug/l	98
38) Carbon Tetrachloride	5.678	117	27840	11.187	ug/l	89
39) Methylcyclohexane	7.385	83	39926	11.497	ug/l	98
40) Benzene	6.043	78	95439	10.277	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	19060	9.128	ug/l	93
42) 1,2-Dichloroethane	6.086	62	28358	9.949	ug/l	98
43) Isopropyl Acetate	6.348	43	55782	9.430	ug/l	99
44) Trichloroethene	7.135	130	26679	10.667	ug/l	90
45) 1,2-Dichloropropane	7.440	63	25219	10.279	ug/l	98
46) Dibromomethane	7.586	93	16809	10.473	ug/l	95
47) Bromodichloromethane	7.824	83	30164	10.486	ug/l #	94
48) Methyl methacrylate	7.696	41	25818	9.206	ug/l	95
49) 1,4-Dioxane	7.683	88	13731	206.758	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	186694	47.864	ug/l	99
52) Toluene	8.720	92	59307	10.583	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	30848	10.063	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	35799	10.334	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	24797	10.156	ug/l	97
56) Ethyl methacrylate	9.122	69	37207	9.665	ug/l	95
57) 1,3-Dichloropropane	9.311	76	38642	9.838	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	101027	55.000	ug/l	97
59) 2-Hexanone	9.433	43	146117	48.272	ug/l	99
60) Dibromochloromethane	9.525	129	23278	10.791	ug/l	100
61) 1,2-Dibromoethane	9.610	107	24532	9.832	ug/l	98
64) Tetrachloroethene	9.275	164	26481	14.474	ug/l	97
65) Chlorobenzene	10.079	112	62080	10.196	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	20754	10.201	ug/l	96
67) Ethyl Benzene	10.195	91	108481	10.243	ug/l	99
68) m/p-Xylenes	10.305	106	84210	20.732	ug/l	100
69) o-Xylene	10.646	106	43100	10.476	ug/l	98
70) Styrene	10.659	104	69181	10.173	ug/l	97
71) Bromoform	10.799	173	16028	11.045	ug/l #	98
73) Isopropylbenzene	10.963	105	104661	10.264	ug/l	98
74) N-amyl acetate	10.841	43	43098	8.537	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	36570	9.110	ug/l	96
76) 1,2,3-Trichloropropane	11.244	75	33343m	9.884	ug/l	
77) Bromobenzene	11.201	156	25027	10.204	ug/l	98
78) n-propylbenzene	11.305	91	121710	10.120	ug/l	98
79) 2-Chlorotoluene	11.366	91	72615	10.156	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	85750	10.130	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	10742	10.113	ug/l	97
82) 4-Chlorotoluene	11.457	91	80762	9.915	ug/l	98
83) tert-Butylbenzene	11.719	119	81830	9.754	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	86145	10.159	ug/l	99
85) sec-Butylbenzene	11.890	105	109079	10.318	ug/l	100
86) p-Isopropyltoluene	12.012	119	86607	10.264	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	48310	10.259	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	46236	9.623	ug/l	97
89) n-Butylbenzene	12.335	91	76782	9.681	ug/l	99
90) Hexachloroethane	12.542	117	14579	10.592	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	47356	10.237	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7901	9.419	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	28983	10.339	ug/l	97
94) Hexachlorobutadiene	13.725	225	11061	10.666	ug/l	98
95) Naphthalene	13.780	128	110636	9.720	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	28807	10.037	ug/l	98

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

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