

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082522\
 Data File : VX030764.D
 Acq On : 25 Aug 2022 10:43
 Operator : JC/MD
 Sample : VSTDIC010
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/26/2022
 Supervised By :Mahesh Dadoda 08/26/2022

Quant Time: Aug 26 01:46:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 01:44:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	267088	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	449524	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	403403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	202509	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	31772	10.104	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	20.200%#		
35) Dibromofluoromethane	5.391	113	27297	9.729	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	19.460%#		
50) Toluene-d8	8.653	98	92374	8.913	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	17.820%#		
62) 4-Bromofluorobenzene	11.085	95	35115	9.606	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	19.220%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	25142	9.435	ug/l	100
3) Chloromethane	1.288	50	22825	8.833	ug/l	94
4) Vinyl Chloride	1.374	62	25586	8.773	ug/l	95
5) Bromomethane	1.611	94	13238	10.376	ug/l	99
6) Chloroethane	1.685	64	15633	9.431	ug/l	97
7) Trichlorofluoromethane	1.886	101	40244	10.406	ug/l	98
8) Diethyl Ether	2.136	74	15859	9.979	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	25324	9.608	ug/l	96
10) Methyl Iodide	2.453	142	15544	7.506	ug/l	95
11) Tert butyl alcohol	2.983	59	41346	52.110	ug/l	98
12) 1,1-Dichloroethene	2.319	96	23156	8.977	ug/l	92
13) Acrolein	2.239	56	32893	132.046	ug/l	98
14) Allyl chloride	2.660	41	44319	9.703	ug/l	97
15) Acrylonitrile	3.068	53	87417	47.856	ug/l	99
16) Acetone	2.392	43	74829	50.130	ug/l	99
17) Carbon Disulfide	2.514	76	48493	7.793	ug/l	98
18) Methyl Acetate	2.709	43	45930	10.070	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	84264	10.062	ug/l	94
20) Methylene Chloride	2.794	84	29257	8.586	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	24327	9.014	ug/l	95
22) Diisopropyl ether	3.770	45	90770	10.034	ug/l #	85
23) Vinyl Acetate	3.727	43	359603	47.668	ug/l	99
24) 1,1-Dichloroethane	3.611	63	51356	10.244	ug/l	99
25) 2-Butanone	4.562	43	120293	47.939	ug/l	98
26) 2,2-Dichloropropane	4.483	77	36601	10.255	ug/l	93
27) cis-1,2-Dichloroethene	4.495	96	31415	9.430	ug/l	98
28) Bromochloromethane	4.903	49	23582	11.117	ug/l	97
29) Tetrahydrofuran	5.019	42	77959	46.129	ug/l	99
30) Chloroform	5.105	83	53766	10.696	ug/l	99
31) Cyclohexane	5.470	56	39069	8.811	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	43614	10.581	ug/l	99
36) 1,1-Dichloropropene	5.702	75	35107	9.696	ug/l	97
37) Ethyl Acetate	4.721	43	43534	9.454	ug/l	99
38) Carbon Tetrachloride	5.678	117	37416	10.845	ug/l	99
39) Methylcyclohexane	7.385	83	41767	9.246	ug/l	93
40) Benzene	6.043	78	107187	9.496	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	24709	9.901	ug/l	99
42) 1,2-Dichloroethane	6.092	62	38763	10.795	ug/l	97
43) Isopropyl Acetate	6.348	43	66971	9.627	ug/l	100
44) Trichloroethene	7.129	130	30778	9.254	ug/l	92
45) 1,2-Dichloropropane	7.433	63	31140	10.432	ug/l	97
46) Dibromomethane	7.586	93	21649	10.544	ug/l	99
47) Bromodichloromethane	7.824	83	41158	10.864	ug/l	97
48) Methyl methacrylate	7.696	41	33733	10.446	ug/l	98
49) 1,4-Dioxane	7.683	88	17288	208.210	ug/l	90
51) 4-Methyl-2-Pentanone	8.580	43	230643	49.969	ug/l	100
52) Toluene	8.720	92	69633	9.672	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	39045	10.073	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	43531	9.820	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	30575	10.156	ug/l	96
56) Ethyl methacrylate	9.122	69	44086	9.824	ug/l	98
57) 1,3-Dichloropropane	9.311	76	49073	10.281	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	129214	53.062	ug/l	98
59) 2-Hexanone	9.433	43	175335	49.735	ug/l	99
60) Dibromochloromethane	9.525	129	31532	10.612	ug/l	97
61) 1,2-Dibromoethane	9.610	107	31025	9.944	ug/l	99
64) Tetrachloroethene	9.275	164	29302	9.269	ug/l	97
65) Chlorobenzene	10.079	112	74802	9.559	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	29006	10.647	ug/l	97
67) Ethyl Benzene	10.195	91	131756	9.929	ug/l	98
68) m/p-Xylenes	10.305	106	100026	19.254	ug/l	100
69) o-Xylene	10.646	106	49117	9.448	ug/l	94
70) Styrene	10.659	104	83471	9.611	ug/l	99
71) Bromoform	10.805	173	23614	10.729	ug/l #	98
73) Isopropylbenzene	10.963	105	130404	9.542	ug/l	98
74) N-amyl acetate	10.848	43	51141	8.665	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	46531	9.458	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	43429m	9.409	ug/l	
77) Bromobenzene	11.201	156	31888	9.325	ug/l	97
78) n-propylbenzene	11.305	91	150601	9.318	ug/l	99
79) 2-Chlorotoluene	11.366	91	91407	9.410	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	116359	10.086	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	13257	8.627	ug/l	89
82) 4-Chlorotoluene	11.457	91	103264	9.457	ug/l	99
83) tert-Butylbenzene	11.719	119	105820	9.494	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	108831	9.551	ug/l	99
85) sec-Butylbenzene	11.890	105	141111	9.620	ug/l	100
86) p-Isopropyltoluene	12.012	119	111226	9.441	ug/l	96
87) 1,3-Dichlorobenzene	11.975	146	60967	9.518	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	62050	9.457	ug/l	97
89) n-Butylbenzene	12.335	91	103211	9.702	ug/l	97
90) Hexachloroethane	12.542	117	22191	10.804	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	64024	9.794	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11949	10.457	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	38752	9.585	ug/l	97
94) Hexachlorobutadiene	13.725	225	17403	10.689	ug/l	97
95) Naphthalene	13.780	128	148328	9.368	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	43350	10.457	ug/l	97

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

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Page: 4