

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100722\
 Data File : VX031978.D
 Acq On : 07 Oct 2022 23:14
 Operator : JC/MD
 Sample : VX1007WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007WBS02

Quant Time: Oct 08 05:19:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/10/2022
 Supervised By : Mahesh Dadoda 10/10/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	61894	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	94630	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	104794	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71059	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64566	50.512	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.020%			
35) Dibromofluoromethane	5.385	113	53666	50.101	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.200%			
50) Toluene-d8	8.647	98	195746	50.785	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.580%			
62) 4-Bromofluorobenzene	11.079	95	70307	51.596	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.200%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	18908	20.527	ug/l	98
3) Chloromethane	1.288	50	18421	19.098	ug/l	98
4) Vinyl Chloride	1.374	62	21223	18.827	ug/l	98
5) Bromomethane	1.612	94	16052	19.811	ug/l	94
6) Chloroethane	1.685	64	18200	18.973	ug/l	97
7) Trichlorofluoromethane	1.886	101	39509	19.499	ug/l	99
8) Diethyl Ether	2.130	74	13561	19.634	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	19749	19.283	ug/l	90
10) Methyl Iodide	2.453	142	16478	17.696	ug/l	98
11) Tert butyl alcohol	2.995	59	19504	122.640	ug/l	98
12) 1,1-Dichloroethene	2.319	96	18269	19.378	ug/l	89
13) Acrolein	2.240	56	9663	95.763	ug/l	95
14) Allyl chloride	2.660	41	26134	19.482	ug/l	97
15) Acrylonitrile	3.069	53	52254	103.069	ug/l	99
16) Acetone	2.386	43	43004	98.990	ug/l	95
17) Carbon Disulfide	2.514	76	37222	18.386	ug/l	100
18) Methyl Acetate	2.709	43	30753	21.455	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	61402	19.408	ug/l	99
20) Methylene Chloride	2.788	84	22162	19.413	ug/l	86
21) trans-1,2-Dichloroethene	3.093	96	20336	19.478	ug/l	97
22) Diisopropyl ether	3.764	45	60357	20.014	ug/l	95
23) Vinyl Acetate	3.721	43	225849	100.192	ug/l	95
24) 1,1-Dichloroethane	3.611	63	36575	20.233	ug/l	98
25) 2-Butanone	4.562	43	68585	100.993	ug/l	96
26) 2,2-Dichloropropane	4.477	77	19321	14.880	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	23632	18.917	ug/l	86
28) Bromochloromethane	4.898	49	15779	20.393	ug/l	83
29) Tetrahydrofuran	5.013	42	45243	103.253	ug/l	95
30) Chloroform	5.093	83	39705	19.719	ug/l	96
31) Cyclohexane	5.471	56	28734	18.817	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	33271	19.444	ug/l	99
36) 1,1-Dichloropropene	5.690	75	27589	19.423	ug/l	98
37) Ethyl Acetate	4.715	43	26549	19.853	ug/l	99
38) Carbon Tetrachloride	5.678	117	28337	19.511	ug/l	95
39) Methylcyclohexane	7.379	83	31952	18.859	ug/l	95
40) Benzene	6.038	78	83183	19.999	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	14733	21.187	ug/l	94
42) 1,2-Dichloroethane	6.092	62	30862	20.362	ug/l	99
43) Isopropyl Acetate	6.342	43	41790	20.597	ug/l	97
44) Trichloroethene	7.129	130	23258	19.071	ug/l	87
45) 1,2-Dichloropropane	7.434	63	20289	19.849	ug/l	98
46) Dibromomethane	7.586	93	15948	20.132	ug/l	92
47) Bromodichloromethane	7.824	83	28359	20.723	ug/l	98
48) Methyl methacrylate	7.696	41	20335	20.974	ug/l	94
49) 1,4-Dioxane	7.696	88	10223	426.482	ug/l	92
51) 4-Methyl-2-Pentanone	8.574	43	141364	105.139	ug/l	97
52) Toluene	8.720	92	54063	19.880	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	24711	17.577	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	28856	19.471	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	22751	19.822	ug/l	97
56) Ethyl methacrylate	9.116	69	29669	20.166	ug/l	96
57) 1,3-Dichloropropane	9.311	76	36218	19.636	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.245	63	75886	99.920	ug/l	94
59) 2-Hexanone	9.433	43	106431	107.356	ug/l	98
60) Dibromochloromethane	9.525	129	21470	20.439	ug/l	99
61) 1,2-Dibromoethane	9.610	107	23039	19.960	ug/l	96
64) Tetrachloroethene	9.275	164	22761	19.238	ug/l	96
65) Chlorobenzene	10.080	112	58239	18.341	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	20233	18.415	ug/l	95
67) Ethyl Benzene	10.195	91	101298	18.858	ug/l	96
68) m/p-Xylenes	10.305	106	80165	37.554	ug/l	99
69) o-Xylene	10.640	106	38791	18.696	ug/l	99
70) Styrene	10.659	104	65364	19.707	ug/l	97
71) Bromoform	10.799	173	13700	19.047	ug/l #	96
73) Isopropylbenzene	10.964	105	103228	19.261	ug/l	99
74) N-amyl acetate	10.848	43	33358	20.382	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.214	83	33772	19.833	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	29458m	20.227	ug/l	
77) Bromobenzene	11.201	156	24886	18.851	ug/l	96
78) n-propylbenzene	11.305	91	115118	18.885	ug/l	99
79) 2-Chlorotoluene	11.366	91	70723	19.279	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	87272	19.634	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	6021	17.211	ug/l #	78
82) 4-Chlorotoluene	11.457	91	81924	19.500	ug/l	99
83) tert-Butylbenzene	11.713	119	85588	19.455	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	86823	19.228	ug/l	99
85) sec-Butylbenzene	11.890	105	103951	19.086	ug/l	100
86) p-Isopropyltoluene	12.012	119	89338	19.482	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	47547	18.915	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	49050	18.958	ug/l	99
89) n-Butylbenzene	12.335	91	71758	18.686	ug/l	100
90) Hexachloroethane	12.543	117	12305	17.741	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	48514	19.412	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6322	20.282	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	28713	18.929	ug/l	98
94) Hexachlorobutadiene	13.725	225	11102	18.096	ug/l	96
95) Naphthalene	13.774	128	102315	19.685	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	30003	19.500	ug/l	97

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

