

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100722\
 Data File : VX031979.D
 Acq On : 07 Oct 2022 23:37
 Operator : JC/MD
 Sample : VX1007WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007WBSD02

Manual Integrations
 APPROVED

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

Quant Time: Oct 08 06:32:09 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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	62373	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	95696	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	103660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62278	48.347	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.700%		
35) Dibromofluoromethane	5.385	113	53112	49.031	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.060%		
50) Toluene-d8	8.647	98	190274	48.816	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.640%		
62) 4-Bromofluorobenzene	11.079	95	68738	49.883	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.760%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	19057	20.530	ug/l	94
3) Chloromethane	1.288	50	17865	18.379	ug/l	96
4) Vinyl Chloride	1.374	62	20549	18.090	ug/l	95
5) Bromomethane	1.611	94	15788	19.243	ug/l	99
6) Chloroethane	1.684	64	18616	19.258	ug/l	97
7) Trichlorofluoromethane	1.886	101	38979	19.089	ug/l	98
8) Diethyl Ether	2.136	74	13593	19.530	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	19410	18.806	ug/l	90
10) Methyl Iodide	2.453	142	17694	18.675	ug/l	99
11) Tert butyl alcohol	2.983	59	18799	117.299	ug/l	97
12) 1,1-Dichloroethene	2.319	96	18176	19.131	ug/l	88
13) Acrolein	2.239	56	9414	92.026	ug/l	100
14) Allyl chloride	2.660	41	25995	19.229	ug/l	96
15) Acrylonitrile	3.068	53	50930	99.686	ug/l	99
16) Acetone	2.386	43	43043	98.319	ug/l	96
17) Carbon Disulfide	2.508	76	36813	18.044	ug/l	99
18) Methyl Acetate	2.703	43	29332	20.306	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	61035	19.144	ug/l	99
20) Methylene Chloride	2.788	84	20919	18.184	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	19987	18.997	ug/l	94
22) Diisopropyl ether	3.763	45	59509	19.582	ug/l	96
23) Vinyl Acetate	3.721	43	226189	99.572	ug/l	97
24) 1,1-Dichloroethane	3.611	63	34687	19.041	ug/l	99
25) 2-Butanone	4.562	43	67824	99.106	ug/l	98
26) 2,2-Dichloropropane	4.477	77	19537	14.931	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	23563	18.717	ug/l	87
28) Bromochloromethane	4.903	49	14966	19.193	ug/l	85
29) Tetrahydrofuran	5.013	42	43527	98.574	ug/l	94
30) Chloroform	5.092	83	39343	19.389	ug/l	92
31) Cyclohexane	5.470	56	28742	18.678	ug/l	90
32) 1,1,1-Trichloroethane	5.385	97	32917	19.090	ug/l	99
36) 1,1-Dichloropropene	5.696	75	27557	19.185	ug/l	98
37) Ethyl Acetate	4.714	43	26875	19.873	ug/l	98
38) Carbon Tetrachloride	5.678	117	29221	19.896	ug/l	95
39) Methylcyclohexane	7.385	83	30614	17.868	ug/l	89
40) Benzene	6.037	78	81904	19.472	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	14196	20.187	ug/l	93
42) 1,2-Dichloroethane	6.086	62	30206	19.707	ug/l	98
43) Isopropyl Acetate	6.342	43	41465	20.209	ug/l	99
44) Trichloroethene	7.123	130	22802	18.489	ug/l	95
45) 1,2-Dichloropropane	7.433	63	20527	19.858	ug/l	95
46) Dibromomethane	7.580	93	15712	19.613	ug/l	92
47) Bromodichloromethane	7.824	83	28418	20.535	ug/l	100
48) Methyl methacrylate	7.696	41	19939	20.337	ug/l	93
49) 1,4-Dioxane	7.702	88	9772	399.059	ug/l	94
51) 4-Methyl-2-Pentanone	8.573	43	140650	103.443	ug/l	97
52) Toluene	8.720	92	53390	19.414	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	24681	17.375	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	28708	19.155	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	21882	18.852	ug/l	98
56) Ethyl methacrylate	9.116	69	29304	19.696	ug/l	95
57) 1,3-Dichloropropane	9.311	76	36312	19.468	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	75915	98.844	ug/l	93
59) 2-Hexanone	9.433	43	102717	102.456	ug/l	96
60) Dibromochloromethane	9.525	129	21517	20.256	ug/l	99
61) 1,2-Dibromoethane	9.610	107	22484	19.262	ug/l	95
64) Tetrachloroethene	9.275	164	22164	18.939	ug/l	97
65) Chlorobenzene	10.079	112	58348	18.577	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	20401	18.771	ug/l	98
67) Ethyl Benzene	10.195	91	100978	19.004	ug/l	100
68) m/p-Xylenes	10.305	106	79320	37.565	ug/l	99
69) o-Xylene	10.640	106	38493	18.755	ug/l	100
70) Styrene	10.658	104	63878	19.469	ug/l	98
71) Bromoform	10.799	173	14007	19.687	ug/l #	99
73) Isopropylbenzene	10.963	105	102319	19.153	ug/l	99
74) N-amyl acetate	10.847	43	33513	20.543	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	33031	19.460	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	28523m	19.648	ug/l	
77) Bromobenzene	11.201	156	25037	19.026	ug/l	95
78) n-propylbenzene	11.305	91	116718	19.209	ug/l	100
79) 2-Chlorotoluene	11.366	91	69351	18.966	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	85860	19.378	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	6010	17.230	ug/l #	77
82) 4-Chlorotoluene	11.457	91	80172	19.144	ug/l	98
83) tert-Butylbenzene	11.713	119	85552	19.509	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	86993	19.327	ug/l	100
85) sec-Butylbenzene	11.890	105	103963	19.149	ug/l	99
86) p-Isopropyltoluene	12.012	119	88243	19.305	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	46843	18.695	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	48796	18.920	ug/l	99
89) n-Butylbenzene	12.335	91	71309	18.629	ug/l	100
90) Hexachloroethane	12.536	117	12852	18.527	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	47721	19.156	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6084	19.582	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	28430	18.803	ug/l	99
94) Hexachlorobutadiene	13.725	225	11265	18.421	ug/l	98
95) Naphthalene	13.774	128	101551	19.601	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	28947	18.874	ug/l	98

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

