

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083122\
 Data File : VX030968.D
 Acq On : 31 Aug 2022 11:10
 Operator : JC/MD
 Sample : VX0831WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/01/2022
 Supervised By :Mahesh Dadoda 09/01/2022

Quant Time: Sep 01 00:55:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 14:24:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	202056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	338392	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	305903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	156777	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	132633	45.766	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.540%		
35) Dibromofluoromethane	5.391	113	121005	48.510	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.020%		
50) Toluene-d8	8.653	98	456867	49.456	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.920%		
62) 4-Bromofluorobenzene	11.085	95	161889	49.212	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.420%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	38905	18.200	ug/l	98
3) Chloromethane	1.288	50	36137	16.773	ug/l	99
4) Vinyl Chloride	1.374	62	45484	17.870	ug/l	97
5) Bromomethane	1.611	94	19557	22.577	ug/l	90
6) Chloroethane	1.685	64	22418	14.649	ug/l	98
7) Trichlorofluoromethane	1.886	101	76334	19.719	ug/l	98
8) Diethyl Ether	2.136	74	27371	18.321	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.325	101	50075	20.115	ug/l	97
10) Methyl Iodide	2.453	142	44664	22.008	ug/l	100
11) Tert butyl alcohol	2.995	59	64095	93.350	ug/l	100
12) 1,1-Dichloroethene	2.319	96	48416	19.717	ug/l	96
13) Acrolein	2.239	56	33902	101.708	ug/l	99
14) Allyl chloride	2.660	41	73970	18.567	ug/l	94
15) Acrylonitrile	3.068	53	141229	93.149	ug/l	98
16) Acetone	2.392	43	113109	86.476	ug/l	98
17) Carbon Disulfide	2.508	76	118351	18.261	ug/l	100
18) Methyl Acetate	2.709	43	71792	18.710	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	157450	19.686	ug/l	97
20) Methylene Chloride	2.788	84	54585	18.355	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	52266	19.629	ug/l	98
22) Diisopropyl ether	3.763	45	150792	18.369	ug/l	89
23) Vinyl Acetate	3.721	43	604212	91.745	ug/l	97
24) 1,1-Dichloroethane	3.611	63	93348	19.417	ug/l	98
25) 2-Butanone	4.562	43	185672	87.688	ug/l	94
26) 2,2-Dichloropropane	4.483	77	71678	19.786	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	61201	19.946	ug/l	99
28) Bromochloromethane	4.897	49	30433	19.570	ug/l #	82
29) Tetrahydrofuran	5.007	42	119527	87.260	ug/l	90
30) Chloroform	5.093	83	97948	19.640	ug/l	99
31) Cyclohexane	5.464	56	82496	19.233	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	83554	19.764	ug/l	96
36) 1,1-Dichloropropene	5.690	75	70750	19.083	ug/l	99
37) Ethyl Acetate	4.721	43	70787	18.161	ug/l	96
38) Carbon Tetrachloride	5.678	117	72367	20.503	ug/l	98
39) Methylcyclohexane	7.379	83	92857	20.476	ug/l	97
40) Benzene	6.037	78	212618	19.898	ug/l	97

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41) Methacrylonitrile	4.928	41	38865	18.358	ug/l	92
42) 1,2-Dichloroethane	6.086	62	70969	19.994	ug/l	99
43) Isopropyl Acetate	6.348	43	109441	18.095	ug/l	95
44) Trichloroethene	7.129	130	62456	19.840	ug/l	95
45) 1,2-Dichloropropane	7.427	63	54686	19.173	ug/l	98
46) Dibromomethane	7.586	93	39593	20.327	ug/l	96
47) Bromodichloromethane	7.824	83	75418	20.140	ug/l	92
48) Methyl methacrylate	7.696	41	56436	18.642	ug/l	90
49) 1,4-Dioxane	7.690	88	29482	370.549	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	360131	90.213	ug/l	93
52) Toluene	8.720	92	134669	20.626	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	78117	20.675	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	84993	19.663	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	57803	20.410	ug/l	96
56) Ethyl methacrylate	9.116	69	81786	19.718	ug/l	91
57) 1,3-Dichloropropane	9.311	76	94605	20.254	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	208513	100.090	ug/l	99
59) 2-Hexanone	9.433	43	282675	95.224	ug/l	95
60) Dibromochloromethane	9.525	129	58145	20.658	ug/l	99
61) 1,2-Dibromoethane	9.610	107	60287	20.618	ug/l	98
64) Tetrachloroethene	9.275	164	61563	21.277	ug/l	97
65) Chlorobenzene	10.079	112	147240	20.356	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.165	131	54059	21.093	ug/l	99
67) Ethyl Benzene	10.195	91	259793	20.248	ug/l	99
68) m/p-Xylenes	10.305	106	209212	43.049	ug/l	98
69) o-Xylene	10.640	106	101460	21.331	ug/l	98
70) Styrene	10.659	104	164192	20.449	ug/l	99
71) Bromoform	10.805	173	41333	20.553	ug/l #	96
73) Isopropylbenzene	10.963	105	262458	21.160	ug/l	99
74) N-amyl acetate	10.841	43	92538	19.298	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	82608	19.440	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	76441m	19.805	ug/l	
77) Bromobenzene	11.201	156	64016	21.299	ug/l	94
78) n-propylbenzene	11.305	91	313439	21.563	ug/l	98
79) 2-Chlorotoluene	11.366	91	187220	20.737	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	230008	22.008	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	24360	18.765	ug/l	95
82) 4-Chlorotoluene	11.457	91	209096	20.717	ug/l	100
83) tert-Butylbenzene	11.719	119	215489	21.004	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	221924	20.742	ug/l	98
85) sec-Butylbenzene	11.896	105	298590	22.423	ug/l	99
86) p-Isopropyltoluene	12.012	119	236970	21.451	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	121090	20.433	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	129736	21.351	ug/l	99
89) n-Butylbenzene	12.335	91	217554	21.041	ug/l	99
90) Hexachloroethane	12.542	117	41558	21.426	ug/l	94
91) 1,2-Dichlorobenzene	12.341	146	126033	20.966	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20079	18.943	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	82818	21.552	ug/l	96
94) Hexachlorobutadiene	13.725	225	34281	21.008	ug/l	98
95) Naphthalene	13.780	128	291578	21.216	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	85938	22.150	ug/l	98

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

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