

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042022\
 Data File : VX028195.D
 Acq On : 20 Apr 2022 14:16
 Operator : JC/MD
 Sample : VX0420WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/21/2022
 Supervised By : Mahesh Dadoda 04/21/2022

Quant Time: Apr 21 06:12:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	324825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	517224	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	480548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	251654	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	197542	46.641	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.280%		
35) Dibromofluoromethane	5.391	113	175623	48.418	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.840%		
50) Toluene-d8	8.653	98	650084	46.663	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	93.320%		
62) 4-Bromofluorobenzene	11.079	95	239264	44.917	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	36630	17.469	ug/l	99
3) Chloromethane	1.295	50	46360	20.508	ug/l	98
4) Vinyl Chloride	1.374	62	57888	17.678	ug/l	97
5) Bromomethane	1.599	94	49494	10.498	ug/l	100
6) Chloroethane	1.685	64	42259	15.816	ug/l	98
7) Trichlorofluoromethane	1.886	101	116454	16.127	ug/l	96
8) Diethyl Ether	2.130	74	40590	16.629	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	58082	22.081	ug/l	98
10) Methyl Iodide	2.453	142	68039	22.168	ug/l	96
11) Tert butyl alcohol	2.953	59	79302	91.472	ug/l	99
12) 1,1-Dichloroethene	2.319	96	53368	21.378	ug/l	91
13) Acrolein	2.233	56	53245	102.579	ug/l	100
14) Allyl chloride	2.666	41	73797	17.618	ug/l	93
15) Acrylonitrile	3.063	53	156267	90.538	ug/l	99
16) Acetone	2.374	43	133201	102.143	ug/l	97
17) Carbon Disulfide	2.514	76	121960	18.142	ug/l	99
18) Methyl Acetate	2.703	43	69146	18.362	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	194127	18.648	ug/l	98
20) Methylene Chloride	2.788	84	60840	19.360	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	59968	17.664	ug/l	93
22) Diisopropyl ether	3.758	45	162086	16.989	ug/l #	77
23) Vinyl Acetate	3.721	43	719938	86.374	ug/l	99
24) 1,1-Dichloroethane	3.611	63	99482	17.659	ug/l	100
25) 2-Butanone	4.550	43	213007	84.920	ug/l	96
26) 2,2-Dichloropropane	4.477	77	88813	16.147	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	72693	17.957	ug/l	90
28) Bromochloromethane	4.898	49	41210	17.051	ug/l	87
29) Tetrahydrofuran	5.007	42	136520	83.472	ug/l	98
30) Chloroform	5.093	83	115199	17.028	ug/l	97
31) Cyclohexane	5.471	56	86538	16.771	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	106316	17.354	ug/l	97
36) 1,1-Dichloropropene	5.696	75	80189	16.948	ug/l	96
37) Ethyl Acetate	4.715	43	83555	17.404	ug/l	99
38) Carbon Tetrachloride	5.678	117	93671	17.537	ug/l	96
39) Methylcyclohexane	7.379	83	102289	17.134	ug/l	95
40) Benzene	6.038	78	240964	17.398	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	41462	16.739	ug/l	98
42) 1,2-Dichloroethane	6.092	62	87003	16.923	ug/l	99
43) Isopropyl Acetate	6.342	43	130470	16.698	ug/l	99
44) Trichloroethene	7.129	130	72734	18.110	ug/l	100
45) 1,2-Dichloropropane	7.434	63	56653	16.711	ug/l	97
46) Dibromomethane	7.580	93	47787	17.970	ug/l	98
47) Bromodichloromethane	7.824	83	84851	16.601	ug/l	99
48) Methyl methacrylate	7.696	41	59654	16.629	ug/l	92
49) 1,4-Dioxane	7.659	88	33062	344.516	ug/l	90
51) 4-Methyl-2-Pentanone	8.574	43	422492	84.262	ug/l	97
52) Toluene	8.720	92	163567	16.999	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	89323	16.444	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	98946	16.963	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	69323	17.732	ug/l	98
56) Ethyl methacrylate	9.116	69	95987	16.938	ug/l #	93
57) 1,3-Dichloropropane	9.311	76	107480	17.033	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.245	63	253377	95.292	ug/l	92
59) 2-Hexanone	9.433	43	328309	84.530	ug/l	94
60) Dibromochloromethane	9.525	129	70749	16.600	ug/l	96
61) 1,2-Dibromoethane	9.610	107	74933	17.471	ug/l	98
64) Tetrachloroethene	9.275	164	69367	18.480	ug/l	98
65) Chlorobenzene	10.080	112	184768	18.034	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	66942	17.539	ug/l	99
67) Ethyl Benzene	10.195	91	312979	18.217	ug/l	94
68) m/p-Xylenes	10.305	106	253516	36.257	ug/l	97
69) o-Xylene	10.647	106	125762	18.040	ug/l	95
70) Styrene	10.659	104	202574	17.936	ug/l	100
71) Bromoform	10.805	173	49957	16.746	ug/l #	100
73) Isopropylbenzene	10.964	105	328942	19.017	ug/l	100
74) N-amyl acetate	10.842	43	107277	17.944	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.214	83	103899	18.511	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	93645m	18.908	ug/l	
77) Bromobenzene	11.201	156	81356	18.060	ug/l	93
78) n-propylbenzene	11.305	91	363617	18.958	ug/l	96
79) 2-Chlorotoluene	11.366	91	220089	18.457	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	278834	18.991	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	26816	16.090	ug/l	89
82) 4-Chlorotoluene	11.457	91	250628	18.246	ug/l	94
83) tert-Butylbenzene	11.713	119	283016	18.877	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	276856	18.969	ug/l	99
85) sec-Butylbenzene	11.890	105	347629	19.219	ug/l	99
86) p-Isopropyltoluene	12.012	119	296926	19.028	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	155459	18.366	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	160766	18.089	ug/l	99
89) n-Butylbenzene	12.335	91	240308	18.754	ug/l	97
90) Hexachloroethane	12.543	117	45554	17.449	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	156392	18.599	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22854	18.308	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	96154	19.226	ug/l	99
94) Hexachlorobutadiene	13.725	225	39788	17.829	ug/l	98
95) Naphthalene	13.780	128	340307	20.426	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	96970	19.753	ug/l	96

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

