

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011921\
 Data File : VX020652.D
 Acq On : 19 Jan 2021 11:15
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 1/20/2021 5:42:17 PM

Quant Time: Jan 19 12:20:31 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 12:16:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	215547	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	344707	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	320080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	156933	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	53283	19.91	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	39.82%#		
35) Dibromofluoromethane	5.458	113	42700	17.83	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	35.66%#		
50) Toluene-d8	8.696	98	156294	18.24	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	36.48%#		
62) 4-Bromofluorobenzene	11.116	95	55928	17.96	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	35.92%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	60959	26.31	ug/l	98
3) Chloromethane	1.313	50	55685	26.00	ug/l	99
4) Vinyl Chloride	1.392	62	57136	23.76	ug/l	100
5) Bromomethane	1.636	94	28537	18.94	ug/l	99
6) Chloroethane	1.709	64	35267	25.25	ug/l	99
7) Trichlorofluoromethane	1.916	101	80282	20.76	ug/l	95
8) Diethyl Ether	2.166	74	27880	20.27	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.367	101	43863	20.40	ug/l	99
10) Methyl Iodide	2.489	142	55904	18.87	ug/l	97
11) Tert butyl alcohol	3.014	59	44447	87.49	ug/l	99
12) 1,1-Dichloroethene	2.355	96	41240	19.64	ug/l	95
13) Acrolein	2.270	56	22241	64.64	ug/l	98
14) Allyl chloride	2.709	41	60523	20.37	ug/l	98
15) Acrylonitrile	3.111	53	116765	102.90	ug/l	98
16) Acetone	2.416	43	102730	101.46	ug/l	98
17) Carbon Disulfide	2.550	76	117969	20.20	ug/l	99
18) Methyl Acetate	2.745	43	46514	19.72	ug/l	99
19) Methyl tert-butyl Ether	3.160	73	135609	19.81	ug/l	98
20) Methylene Chloride	2.831	84	48778	19.49	ug/l	99
21) trans-1,2-Dichloroethene	3.142	96	45690	19.41	ug/l	99
22) Diisopropyl ether	3.818	45	127040	21.20	ug/l	92
23) Vinyl Acetate	3.782	43	536434	104.58	ug/l	100
24) 1,1-Dichloroethane	3.666	63	81246	20.47	ug/l	100
25) 2-Butanone	4.629	43	150624	103.46	ug/l	99
26) 2,2-Dichloropropane	4.544	77	68077	18.72	ug/l	97
27) cis-1,2-Dichloroethene	4.562	96	50395	19.14	ug/l	100
28) Bromochloromethane	4.977	49	33224	20.61	ug/l	97
29) Tetrahydrofuran	5.086	42	94290	106.33	ug/l	99
30) Chloroform	5.172	83	86022	19.61	ug/l	94
31) Cyclohexane	5.544	56	67002	20.94	ug/l	97
32) 1,1,1-Trichloroethane	5.458	97	76056	19.35	ug/l	99
36) 1,1-Dichloropropene	5.763	75	62842	19.61	ug/l	99
37) Ethyl Acetate	4.788	43	57736	19.68	ug/l	99
38) Carbon Tetrachloride	5.751	117	66910	18.14	ug/l	99
39) Methylcyclohexane	7.440	83	70498	19.26	ug/l	99
40) Benzene	6.111	78	183458	19.18	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.001	41	31461	20.60	ug/l	98
42) 1,2-Dichloroethane	6.159	62	69362	20.11	ug/l	98
43) Isopropyl Acetate	6.409	43	87346	19.30	ug/l	98
44) Trichloroethene	7.190	130	50743	18.05	ug/l	92
45) 1,2-Dichloropropane	7.488	63	46847	19.81	ug/l	96
46) Dibromomethane	7.635	93	33620	18.88	ug/l	99
47) Bromodichloromethane	7.872	83	68086	18.80	ug/l	99
48) Methyl methacrylate	7.744	41	43932	19.89	ug/l	99
49) 1,4-Dioxane	7.726	88	20398	372.25	ug/l	97
51) 4-Methyl-2-Pentanone	8.616	43	290289	103.15	ug/l	98
52) Toluene	8.763	92	115955	19.15	ug/l	99
53) t-1,3-Dichloropropene	9.019	75	67681	18.29	ug/l	97
54) cis-1,3-Dichloropropene	8.415	75	75538	18.98	ug/l	98
55) 1,1,2-Trichloroethane	9.195	97	47989	18.78	ug/l	96
56) Ethyl methacrylate	9.159	69	60338	18.10	ug/l	98
57) 1,3-Dichloropropane	9.348	76	81105	19.38	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.287	63	169964	107.28	ug/l	99
59) 2-Hexanone	9.470	43	217828	103.16	ug/l	97
60) Dibromochloromethane	9.561	129	51485	17.95	ug/l	99
61) 1,2-Dibromoethane	9.653	107	50289	18.50	ug/l	100
64) Tetrachloroethene	9.317	164	48050	16.87	ug/l	95
65) Chlorobenzene	10.122	112	123945	18.29	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.201	131	46224	17.73	ug/l	100
67) Ethyl Benzene	10.232	91	213239	18.72	ug/l	100
68) m/p-Xylenes	10.342	106	160286	37.07	ug/l	97
69) o-Xylene	10.683	106	74238	18.46	ug/l	96
70) Styrene	10.695	104	129565	18.96	ug/l	99
71) Bromoform	10.835	173	35895	17.31	ug/l #	99
73) Isopropylbenzene	11.000	105	206857	19.15	ug/l	100
74) N-amyl acetate	10.878	43	68894	20.18	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.250	83	71846	20.29	ug/l	100
76) 1,2,3-Trichloropropane	11.274	75	69169m	20.32	ug/l	
77) Bromobenzene	11.238	156	51514	17.99	ug/l	99
78) n-propylbenzene	11.341	91	235378	19.65	ug/l	100
79) 2-Chlorotoluene	11.402	91	146168	19.75	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	174509	19.27	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.055	75	21335	17.16	ug/l	95
82) 4-Chlorotoluene	11.494	91	172233	19.65	ug/l	100
83) tert-Butylbenzene	11.750	119	162479	18.71	ug/l	96
84) 1,2,4-Trimethylbenzene	11.793	105	179235	19.91	ug/l	99
85) sec-Butylbenzene	11.927	105	193629	19.14	ug/l	100
86) p-Isopropyltoluene	12.049	119	180026	19.23	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	92998	17.74	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	96844	18.06	ug/l	98
89) n-Butylbenzene	12.372	91	151715	18.52	ug/l	98
90) Hexachloroethane	12.579	117	30171	17.07	ug/l	92
91) 1,2-Dichlorobenzene	12.372	146	93131	18.03	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.981	75	15902	19.00	ug/l	91
93) 1,2,4-Trichlorobenzene	13.628	180	54632	16.00	ug/l	98
94) Hexachlorobutadiene	13.762	225	26189	14.30	ug/l	99
95) Naphthalene	13.817	128	179758	17.79	ug/l	99
96) 1,2,3-Trichlorobenzene	13.999	180	57281	16.47	ug/l	98

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

