

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082819\
 Data File : VX011870.D
 Acq On : 28 Aug 2019 11:35
 Operator : SY/SP
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Aug 28 12:37:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 28 12:26:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	365139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	507848	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	451888	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	237003	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	63145	17.10	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	34.20%	
35) Dibromofluoromethane	5.49	113	63951	21.39	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	42.78%	
50) Toluene-d8	8.71	98	213435	17.12	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	34.24%	
62) 4-Bromofluorobenzene	11.13	95	97319	21.17	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	42.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	50521	16.393	ug/l	97
3) Chloromethane	1.32	50	58586	15.122	ug/l	100
4) Vinyl Chloride	1.40	62	54954	13.187	ug/l	98
5) Bromomethane	1.63	94	29502	11.761	ug/l	99
6) Chloroethane	1.71	64	41034	14.891	ug/l	100
7) Trichlorofluoromethane	1.92	101	90406	16.545	ug/l	99
8) Diethyl Ether	2.18	74	26552	12.857	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	58314	16.823	ug/l	99
10) Methyl Iodide	2.50	142	56059	14.066	ug/l	100
11) Tert butyl alcohol	3.04	59	23391	39.117	ug/l	98
12) 1,1-Dichloroethene	2.36	96	57359	17.575	ug/l	96
13) Acrolein	2.29	56	10971	56.077	ug/l	95
14) Allyl chloride	2.71	41	94437	16.323	ug/l	98
15) Acrylonitrile	3.13	53	72635	47.763	ug/l	100
16) Acetone	2.43	43	94319	66.865	ug/l	97
17) Carbon Disulfide	2.56	76	164802	15.520	ug/l	98
18) Methyl Acetate	2.76	43	46374	11.699	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	153277	17.254	ug/l	98
20) Methylene Chloride	2.85	84	66416	15.358	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	61817	17.286	ug/l	99
22) Diisopropyl ether	3.85	45	188902	18.087	ug/l	99
23) Vinyl Acetate	3.81	43	414111	54.976	ug/l	99
24) 1,1-Dichloroethane	3.68	63	108797	17.863	ug/l	99
25) 2-Butanone	4.66	43	93821	45.626	ug/l	99
26) 2,2-Dichloropropane	4.57	77	91538	19.082	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	72395	18.785	ug/l	99
28) Bromochloromethane	5.00	49	48978	17.927	ug/l	100
29) Tetrahydrofuran	5.12	42	59542	45.436	ug/l	98
30) Chloroform	5.20	83	114902	19.145	ug/l	100
31) Cyclohexane	5.57	56	101763	17.297	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	104686	20.295	ug/l	99
36) 1,1-Dichloropropene	5.79	75	85656	18.010	ug/l	99
37) Ethyl Acetate	4.82	43	35842	9.811	ug/l	99
38) Carbon Tetrachloride	5.77	117	84044	19.105	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	109222	18.705	ug/l	100
40) Benzene	6.13	78	243585	17.872	ug/l	100
41) Methacrylonitrile	5.03	41	23983	11.646	ug/l	97
42) 1,2-Dichloroethane	6.18	62	77786	18.896	ug/l	98
43) Isopropyl Acetate	6.43	43	70883	12.177	ug/l	99
44) Trichloroethene	7.21	130	83440	21.461	ug/l	97
45) 1,2-Dichloropropane	7.51	63	61305	18.291	ug/l	98
46) Dibromomethane	7.65	93	35306	18.280	ug/l	99
47) Bromodichloromethane	7.89	83	84777	22.026	ug/l	99
48) Methyl methacrylate	7.76	41	35361	12.111	ug/l	99
49) 1,4-Dioxane	7.74	88	7885	133.801	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	146294	40.895	ug/l	100
52) Toluene	8.78	92	158269	18.616	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	70778	16.101	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	90965	18.564	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	48074	16.430	ug/l	96
56) Ethyl methacrylate	9.18	69	46195	11.494	ug/l	100
57) 1,3-Dichloropropane	9.37	76	78001	15.881	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	36501	18.984	ug/l	99
59) 2-Hexanone	9.49	43	90775	33.309	ug/l	99
60) Dibromochloromethane	9.58	129	62288	21.138	ug/l	100
61) 1,2-Dibromoethane	9.66	107	45735	15.309	ug/l	99
64) Tetrachloroethene	9.33	164	90954	25.607	ug/l	98
65) Chlorobenzene	10.13	112	171358	18.146	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	62475	20.288	ug/l	99
67) Ethyl Benzene	10.25	91	297604	18.665	ug/l	98
68) m/p-Xylenes	10.35	106	228908	36.699	ug/l	99
69) o-Xylene	10.69	106	106435	18.377	ug/l	100
70) Styrene	10.71	104	176779	18.143	ug/l	100
71) Bromoform	10.85	173	40180	18.977	ug/l #	99
73) Isopropylbenzene	11.01	105	282683	19.052	ug/l	99
74) N-amyl acetate	6.43	43	70883	13.478	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	47304	12.263	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	36817m	11.270	ug/l	
77) Bromobenzene	11.25	156	78294	20.241	ug/l	99
78) n-propylbenzene	11.35	91	309037	17.193	ug/l	100
79) 2-Chlorotoluene	11.41	91	193750	18.986	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	235423	18.589	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	9854	8.935	ug/l	93
82) 4-Chlorotoluene	11.51	91	225081	18.184	ug/l	100
83) tert-Butylbenzene	11.77	119	220415	17.597	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	220815	16.939	ug/l	100
85) sec-Butylbenzene	11.94	105	253980	15.849	ug/l	100
86) p-Isopropyltoluene	12.06	119	231250	15.877	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	139859	17.874	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	136022	17.038	ug/l	99
89) n-Butylbenzene	12.38	91	194373	14.022	ug/l	100
90) Hexachloroethane	12.59	117	35678	16.497	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	119360	16.380	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	6583	8.601	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	81970	14.180	ug/l	99
94) Hexachlorobutadiene	13.78	225	60270	16.304	ug/l	100
95) Naphthalene	13.83	128	99998	8.095	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	67367	12.838	ug/l	100

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

