

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082819\
 Data File : VX011868.D
 Acq On : 28 Aug 2019 10:41
 Operator : SY/SP
 Sample : VSTDIC005
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Aug 29 06:40:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 28 15:10:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	353139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	486836	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	422334	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	204791	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	15846	5.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.12%	
35) Dibromofluoromethane	5.48	113	13767	4.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.30%	
50) Toluene-d8	8.71	98	62660	5.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.38%	
62) 4-Bromofluorobenzene	11.13	95	41555	9.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	12224	5.583	ug/l	100
3) Chloromethane	1.32	50	17216	6.201	ug/l	98
4) Vinyl Chloride	1.40	62	14002	5.528	ug/l	99
5) Bromomethane	1.63	94	9396	6.326	ug/l	100
6) Chloroethane	1.71	64	8928	5.505	ug/l	99
7) Trichlorofluoromethane	1.92	101	23253	5.585	ug/l	97
8) Diethyl Ether	2.18	74	6842	5.389	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	14312	5.349	ug/l	96
10) Methyl Iodide	2.50	142	11533	4.191	ug/l	96
11) Tert butyl alcohol	3.02	59	8032	14.404	ug/l #	87
12) 1,1-Dichloroethene	2.36	96	13382	5.055	ug/l	98
13) Acrolein	2.28	56	3373	28.550	ug/l #	77
14) Allyl chloride	2.71	41	23751	5.312	ug/l	100
15) Acrylonitrile	3.13	53	16997	25.191	ug/l	97
16) Acetone	2.43	43	42729	27.457	ug/l	100
17) Carbon Disulfide	2.56	76	43403	5.431	ug/l	100
18) Methyl Acetate	2.76	43	17524	1.333	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	36697	5.100	ug/l	99
20) Methylene Chloride	2.84	84	21123	5.285	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	15815	5.283	ug/l	97
22) Diisopropyl ether	3.84	45	44706	5.036	ug/l #	84
23) Vinyl Acetate	3.80	43	96169	24.613	ug/l	99
24) 1,1-Dichloroethane	3.68	63	27224	5.200	ug/l	100
25) 2-Butanone	4.67	43	22816	24.852	ug/l	99
26) 2,2-Dichloropropane	4.57	77	23150	5.423	ug/l	95
27) cis-1,2-Dichloroethene	4.58	96	17645	5.166	ug/l	89
28) Bromochloromethane	4.99	49	10771	4.583	ug/l	99
29) Tetrahydrofuran	5.12	42	12621	23.231	ug/l	94
30) Chloroform	5.20	83	29437	5.374	ug/l	98
31) Cyclohexane	5.57	56	24456	5.365	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	26183	5.315	ug/l	99
36) 1,1-Dichloropropene	5.78	75	21046	5.256	ug/l	99
37) Ethyl Acetate	4.82	43	8446	5.016	ug/l	95
38) Carbon Tetrachloride	5.77	117	20574	5.273	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	26574	5.430	ug/l	98
40) Benzene	6.13	78	59622	5.162	ug/l	96
41) Methacrylonitrile	5.03	41	5716	5.004	ug/l #	92
42) 1,2-Dichloroethane	6.18	62	18433	5.026	ug/l	98
43) Isopropyl Acetate	6.43	43	15919	4.812	ug/l #	95
44) Trichloroethene	7.20	130	20242	5.213	ug/l	99
45) 1,2-Dichloropropane	7.50	63	14523	5.053	ug/l	95
46) Dibromomethane	7.65	93	9098	5.343	ug/l	92
47) Bromodichloromethane	7.89	83	20226	5.052	ug/l	98
48) Methyl methacrylate	7.76	41	7926	4.791	ug/l	100
49) 1,4-Dioxane	7.74	88	1771	99.345	ug/l #	73
51) 4-Methyl-2-Pentanone	8.63	43	30314	22.748	ug/l	99
52) Toluene	8.77	92	38603	5.186	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	17050	4.998	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	21501	4.992	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	10819	4.875	ug/l	98
56) Ethyl methacrylate	9.18	69	9823	4.540	ug/l	96
57) 1,3-Dichloropropane	9.37	76	18698	5.070	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.31	63	18273	50.057	ug/l	100
59) 2-Hexanone	9.49	43	18696	21.954	ug/l	100
60) Dibromochloromethane	9.58	129	14737	4.991	ug/l	100
61) 1,2-Dibromoethane	9.66	107	11225	5.166	ug/l	93
64) Tetrachloroethene	9.33	164	22828	5.555	ug/l	98
65) Chlorobenzene	10.13	112	41112	5.256	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	14913	5.197	ug/l	97
67) Ethyl Benzene	10.24	91	70832	5.272	ug/l	99
68) m/p-Xylenes	10.35	106	52633	10.292	ug/l	98
69) o-Xylene	10.69	106	24699	5.132	ug/l	99
70) Styrene	10.71	104	39577	4.973	ug/l	100
71) Bromoform	10.85	173	9410	5.061	ug/l #	96
73) Isopropylbenzene	11.01	105	65116	5.506	ug/l	100
74) N-amyl acetate	6.43	43	15919	5.346	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	10864	5.490	ug/l	95
76) 1,2,3-Trichloropropane	11.29	75	8139m	5.174	ug/l	
77) Bromobenzene	11.25	156	17679	5.362	ug/l	99
78) n-propylbenzene	11.35	91	69723	5.360	ug/l	99
79) 2-Chlorotoluene	11.41	91	44514	5.460	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	53406	5.383	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	2338	5.471	ug/l #	86
82) 4-Chlorotoluene	11.51	91	50858	5.381	ug/l	98
83) tert-Butylbenzene	11.77	119	49619	5.381	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	50494	5.365	ug/l	99
85) sec-Butylbenzene	11.94	105	57230	5.343	ug/l	100
86) p-Isopropyltoluene	12.06	119	52305	5.302	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	31963	5.399	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	30248	5.276	ug/l	93
89) n-Butylbenzene	12.38	91	43386	5.301	ug/l	98
90) Hexachloroethane	12.59	117	9041	5.710	ug/l	91
91) 1,2-Dichlorobenzene	12.39	146	26480	5.240	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	1608	5.772	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	17583	5.013	ug/l	98
94) Hexachlorobutadiene	13.78	225	13496	5.277	ug/l	99
95) Naphthalene	13.83	128	20253	4.802	ug/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	13875	4.876	ug/l	98

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

