

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082819\
 Data File : VX011874.D
 Acq On : 28 Aug 2019 16:18
 Operator : SY/SP
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX082819

Quant Time: Aug 29 11:53:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 11:49:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	391735	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	539907	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	480681	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	255080	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	162902	46.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.72%	
35) Dibromofluoromethane	5.49	113	153544	46.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.60%	
50) Toluene-d8	8.71	98	604900	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
62) 4-Bromofluorobenzene	11.13	95	224732	46.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	112979	46.517	ug/l	99
3) Chloromethane	1.32	50	134529	43.684	ug/l	100
4) Vinyl Chloride	1.40	62	132663	47.216	ug/l	99
5) Bromomethane	1.64	94	82832	50.275	ug/l	99
6) Chloroethane	1.72	64	77567	43.114	ug/l	100
7) Trichlorofluoromethane	1.92	101	224460	48.599	ug/l	100
8) Diethyl Ether	2.18	74	62424	44.325	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	145178	48.909	ug/l	99
10) Methyl Iodide	2.50	142	132555	43.427	ug/l	99
11) Tert butyl alcohol	3.03	59	48747	236.352	ug/l	100
12) 1,1-Dichloroethene	2.37	96	141027	48.019	ug/l	99
13) Acrolein	2.28	56	27823	212.299	ug/l	100
14) Allyl chloride	2.72	41	233898	47.161	ug/l	99
15) Acrylonitrile	3.14	53	163670	218.672	ug/l	100
16) Acetone	2.43	43	240174	241.473	ug/l	100
17) Carbon Disulfide	2.56	76	426956	48.158	ug/l	99
18) Methyl Acetate	2.76	43	87469	45.159	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	346495	43.408	ug/l	100
20) Methylene Chloride	2.85	84	154921	46.810	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	157685	47.483	ug/l	98
22) Diisopropyl ether	3.84	45	432523	43.921	ug/l	93
23) Vinyl Acetate	3.81	43	1002571	231.314	ug/l	99
24) 1,1-Dichloroethane	3.69	63	268444	46.227	ug/l	99
25) 2-Butanone	4.66	43	231496	227.314	ug/l	99
26) 2,2-Dichloropropane	4.57	77	232134	49.022	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	171636	45.303	ug/l	99
28) Bromochloromethane	5.00	49	118407	45.415	ug/l	98
29) Tetrahydrofuran	5.12	42	131427	218.073	ug/l	99
30) Chloroform	5.20	83	270930	44.586	ug/l	98
31) Cyclohexane	5.57	56	239226	47.313	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	259313	47.457	ug/l	99
36) 1,1-Dichloropropene	5.79	75	217465	48.967	ug/l	99
37) Ethyl Acetate	4.82	43	84170	45.073	ug/l	100
38) Carbon Tetrachloride	5.77	117	215779	49.865	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	254107	46.817	ug/l	99
40) Benzene	6.13	78	600061	46.843	ug/l	100
41) Methacrylonitrile	5.03	41	56783	44.825	ug/l	98
42) 1,2-Dichloroethane	6.18	62	182619	44.898	ug/l	99
43) Isopropyl Acetate	6.43	43	159405	43.447	ug/l	99
44) Trichloroethene	7.21	130	198137	46.012	ug/l	95
45) 1,2-Dichloropropane	7.51	63	143877	45.137	ug/l	98
46) Dibromomethane	7.65	93	83438	44.183	ug/l	99
47) Bromodichloromethane	7.89	83	203083	45.736	ug/l	100
48) Methyl methacrylate	7.76	41	79876	43.534	ug/l	99
49) 1,4-Dioxane	7.73	88	17663	893.424	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	359696	243.385	ug/l	100
52) Toluene	8.78	92	386460	46.814	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	176077	46.542	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	221777	46.433	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	111044	45.122	ug/l	98
56) Ethyl methacrylate	9.17	69	106920	44.559	ug/l	99
57) 1,3-Dichloropropane	9.37	76	184460	45.098	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	189008	245.668	ug/l	99
59) 2-Hexanone	9.49	43	250135	264.850	ug/l	99
60) Dibromochloromethane	9.58	129	149309	45.593	ug/l	99
61) 1,2-Dibromoethane	9.66	107	106747	44.301	ug/l	98
64) Tetrachloroethene	9.33	164	218269	46.663	ug/l	95
65) Chlorobenzene	10.13	112	411065	46.176	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	152347	46.649	ug/l	100
67) Ethyl Benzene	10.25	91	721147	47.161	ug/l	99
68) m/p-Xylenes	10.35	106	552292	94.884	ug/l	100
69) o-Xylene	10.69	106	258820	47.254	ug/l	99
70) Styrene	10.71	104	427547	47.198	ug/l	100
71) Bromoform	10.85	173	97605	46.124	ug/l #	97
73) Isopropylbenzene	11.01	105	692334	47.002	ug/l	100
74) N-amyl acetate	6.43	43	159405	42.974	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	109226	44.316	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	84123m	44.411	ug/l	
77) Bromobenzene	11.25	156	187131	45.570	ug/l	99
78) n-propylbenzene	11.35	91	767864	47.389	ug/l	100
79) 2-Chlorotoluene	11.41	91	463591	45.655	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	574197	46.463	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	23954	45.005	ug/l	97
82) 4-Chlorotoluene	11.51	91	548316	46.579	ug/l	99
83) tert-Butylbenzene	11.77	119	540537	47.065	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	552548	47.133	ug/l	99
85) sec-Butylbenzene	11.94	105	632145	47.381	ug/l	99
86) p-Isopropyltoluene	12.06	119	584233	47.542	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	339495	46.041	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	326331	45.696	ug/l	100
89) n-Butylbenzene	12.38	91	488887	47.955	ug/l	100
90) Hexachloroethane	12.59	117	91082	46.186	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	291119	46.247	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	14414	41.537	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	210973	48.291	ug/l	99
94) Hexachlorobutadiene	13.78	225	141284	44.354	ug/l	99
95) Naphthalene	13.83	128	274983	52.350	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	173162	48.851	ug/l	99

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

