

Data File : VX011896.D
Acq On : 30 Aug 2019 03:34
Operator : SY/SP
Sample : MDL03
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MDL03

Quant Time: Sep 05 12:00:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 05 11:43:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	304134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	453708	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	439693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	251576	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	163267	56.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.06%	
35) Dibromofluoromethane	5.48	113	146583	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
50) Toluene-d8	8.71	98	536213	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
62) 4-Bromofluorobenzene	11.13	95	222761	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	3998	2.178	ug/l	97
3) Chloromethane	1.32	50	5260	2.472	ug/l	94
4) Vinyl Chloride	1.40	62	4602	2.265	ug/l	89
5) Bromomethane	1.63	94	5182	3.686	ug/l	98
6) Chloroethane	1.71	64	2992	2.366	ug/l	95
7) Trichlorofluoromethane	1.92	101	8104	2.296	ug/l	94
8) Diethyl Ether	2.18	74	3496	2.883	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.37	101	4947	2.151	ug/l	96
10) Methyl Iodide	2.50	142	2260	1.055	ug/l #	93
11) Tert butyl alcohol	3.03	59	4120	14.697	ug/l	97
12) 1,1-Dichloroethene	2.36	96	4698	2.199	ug/l	97
13) Acrolein	2.28	56	1491	10.686	ug/l #	46
14) Allyl chloride	2.71	41	8308	2.073	ug/l	95
15) Acrylonitrile	3.13	53	8157	12.245	ug/l	98
16) Acetone	2.43	43	9856	15.721	ug/l	100
17) Carbon Disulfide	2.56	76	13412	2.189	ug/l	98
18) Methyl Acetate	2.76	43	5202	2.997	ug/l	94
19) Methyl tert-butyl Ether	3.18	73	16333	2.360	ug/l	92
20) Methylene Chloride	2.84	84	15945	5.124	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	6041	2.401	ug/l	95
22) Diisopropyl ether	3.84	45	18419	2.252	ug/l	92
23) Vinyl Acetate	3.81	43	55210	10.498	ug/l	98
24) 1,1-Dichloroethane	3.68	63	10428	2.312	ug/l	98
25) 2-Butanone	4.67	43	10296	11.276	ug/l	95
26) 2,2-Dichloropropane	4.57	77	7890	2.085	ug/l	91
27) cis-1,2-Dichloroethene	4.58	96	6661	2.247	ug/l	91
28) Bromochloromethane	5.00	49	6068	2.998	ug/l	98
29) Tetrahydrofuran	5.12	42	7090	12.440	ug/l #	88
30) Chloroform	5.20	83	12620	2.617	ug/l	94
31) Cyclohexane	5.57	56	7073	1.944	ug/l	88
32) 1,1,1-Trichloroethane	5.47	97	9666	2.256	ug/l	99
36) 1,1-Dichloropropene	5.79	75	7592	2.112	ug/l	95
37) Ethyl Acetate	4.83	43	4835	2.272	ug/l #	88
38) Carbon Tetrachloride	5.77	117	7960	1.909	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	7903	1.846	ug/l	91
40) Benzene	6.13	78	22769	2.122	ug/l	96
41) Methacrylonitrile	5.04	41	2570	2.051	ug/l #	95
42) 1,2-Dichloroethane	6.18	62	8672	2.377	ug/l	86
43) Isopropyl Acetate	6.43	43	9762	2.263	ug/l	95
44) Trichloroethene	7.21	130	7062	2.127	ug/l	91
45) 1,2-Dichloropropane	7.51	63	6396	2.279	ug/l	99
46) Dibromomethane	7.66	93	4093	2.457	ug/l	89
47) Bromodichloromethane	7.89	83	9145	2.214	ug/l #	95
48) Methyl methacrylate	7.77	41	4517	2.152	ug/l	93
49) 1,4-Dioxane	7.74	88	1526	52.870	ug/l #	47
51) 4-Methyl-2-Pentanone	8.63	43	23584	10.762	ug/l	99
52) Toluene	8.78	92	15359	2.164	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	8833	2.088	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	10330	2.175	ug/l #	89
55) 1,1,2-Trichloroethane	9.21	97	5547	2.275	ug/l	91
56) Ethyl methacrylate	9.18	69	7390	2.184	ug/l	98
57) 1,3-Dichloropropane	9.37	76	8757	2.164	ug/l	92
58) 2-Chloroethyl Vinyl ether	8.30	63	22573	14.004	ug/l	97
59) 2-Hexanone	9.49	43	16768	10.772	ug/l	100
60) Dibromochloromethane	9.58	129	6819	2.082	ug/l	100
61) 1,2-Dibromoethane	9.67	107	5222	2.160	ug/l	96
64) Tetrachloroethene	9.33	164	8264	2.337	ug/l	96
65) Chlorobenzene	10.13	112	18593	2.182	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	6942	2.015	ug/l	94
67) Ethyl Benzene	10.25	91	29853	2.060	ug/l	97
68) m/p-Xylenes	10.35	106	23345	4.171	ug/l	98
69) o-Xylene	10.69	106	11309	2.074	ug/l	99
70) Styrene	10.71	104	20025	2.083	ug/l	97
71) Bromoform	10.85	173	4962	2.037	ug/l #	98
73) Isopropylbenzene	11.01	105	28778	1.991	ug/l	100
74) N-amyl acetate	10.90	43	8475	1.976	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.26	83	6737	2.277	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	5071m	2.049	ug/l	
77) Bromobenzene	11.25	156	9381	2.238	ug/l	96
78) n-propylbenzene	11.35	91	32895	2.007	ug/l	99
79) 2-Chlorotoluene	11.41	91	20711	2.099	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	25671	2.057	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	1927m	1.956	ug/l	
82) 4-Chlorotoluene	11.51	91	25463	2.139	ug/l	98
83) tert-Butylbenzene	11.77	119	25404	2.007	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	27082	2.118	ug/l	98
85) sec-Butylbenzene	11.94	105	28837	1.961	ug/l	99
86) p-Isopropyltoluene	12.06	119	28405	1.992	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	17376	2.230	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	17770	2.256	ug/l	86
89) n-Butylbenzene	12.38	91	25330	2.008	ug/l	99
90) Hexachloroethane	12.59	117	5772	2.092	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	15629	2.158	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1385	2.350	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082919\
Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	13269	2.175	ug/l	99
94) Hexachlorobutadiene	13.78	225	7840	1.925	ug/l	98
95) Naphthalene	13.83	128	22339	2.134	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	12385	2.245	ug/l	99

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

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