

Data File : VX011948.D
Acq On : 31 Aug 2019 13:59
Operator : SY/SP
Sample : MDL07
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MDL07

Quant Time: Sep 05 12:09:09 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	364939	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	493151	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	457439	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	269407	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	171490	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
35) Dibromofluoromethane	5.48	113	159728	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
50) Toluene-d8	8.71	98	574276	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
62) 4-Bromofluorobenzene	11.14	95	237731	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	7435	3.376	ug/l	95
3) Chloromethane	1.31	50	6855	2.685	ug/l	98
4) Vinyl Chloride	1.39	62	6644	2.725	ug/l	98
5) Bromomethane	1.63	94	5997	3.555	ug/l	98
6) Chloroethane	1.72	64	4080	2.689	ug/l #	86
7) Trichlorofluoromethane	1.92	101	11697	2.762	ug/l	98
8) Diethyl Ether	2.17	74	3782	2.599	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	7500	2.718	ug/l	97
10) Methyl Iodide	2.50	142	4654	1.811	ug/l	97
11) Tert butyl alcohol	3.03	59	5088	15.126	ug/l #	90
12) 1,1-Dichloroethene	2.36	96	6767	2.640	ug/l	96
13) Acrolein	2.28	56	2127	12.704	ug/l #	74
14) Allyl chloride	2.72	41	11513	2.395	ug/l	95
15) Acrylonitrile	3.13	53	9683	12.114	ug/l	91
16) Acetone	2.43	43	12301	16.351	ug/l	99
17) Carbon Disulfide	2.56	76	17867	2.430	ug/l	100
18) Methyl Acetate	2.76	43	5842	2.805	ug/l #	90
19) Methyl tert-butyl Ether	3.18	73	20790	2.504	ug/l	98
20) Methylene Chloride	2.84	84	13157	3.524	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	8171	2.706	ug/l	99
22) Diisopropyl ether	3.84	45	24548	2.501	ug/l	94
23) Vinyl Acetate	3.80	43	71734	11.367	ug/l	98
24) 1,1-Dichloroethane	3.69	63	14228	2.629	ug/l	99
25) 2-Butanone	4.67	43	13358	12.191	ug/l	99
26) 2,2-Dichloropropane	4.57	77	12809	2.821	ug/l	95
27) cis-1,2-Dichloroethene	4.58	96	9654	2.715	ug/l	98
28) Bromochloromethane	5.01	49	5135	2.114	ug/l	88
29) Tetrahydrofuran	5.12	42	8487	12.410	ug/l #	87
30) Chloroform	5.20	83	17059	2.948	ug/l	100
31) Cyclohexane	5.56	56	11736	2.688	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	13983	2.720	ug/l	98
36) 1,1-Dichloropropene	5.79	75	11193	2.865	ug/l	94
37) Ethyl Acetate	4.83	43	6248	2.702	ug/l #	88
38) Carbon Tetrachloride	5.77	117	12422	2.741	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	13037	2.801	ug/l	98
40) Benzene	6.14	78	31069	2.664	ug/l	100
41) Methacrylonitrile	5.03	41	3088	2.268	ug/l #	84
42) 1,2-Dichloroethane	6.18	62	11482	2.895	ug/l	94
43) Isopropyl Acetate	6.43	43	11807	2.518	ug/l	94
44) Trichloroethene	7.20	130	9855	2.731	ug/l	94
45) 1,2-Dichloropropane	7.51	63	8470	2.777	ug/l	92
46) Dibromomethane	7.65	93	4981	2.751	ug/l	95
47) Bromodichloromethane	7.89	83	11804	2.629	ug/l #	98
48) Methyl methacrylate	7.77	41	5769	2.529	ug/l	92
49) 1,4-Dioxane	7.74	88	1569	50.012	ug/l #	93
51) 4-Methyl-2-Pentanone	8.64	43	30074	12.626	ug/l	99
52) Toluene	8.78	92	21160	2.743	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	11658	2.535	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	13606	2.636	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	7234	2.729	ug/l	98
56) Ethyl methacrylate	9.17	69	9697	2.636	ug/l	95
57) 1,3-Dichloropropane	9.37	76	11764	2.674	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	19109	10.907	ug/l	96
59) 2-Hexanone	9.49	43	20853	12.324	ug/l	95
60) Dibromochloromethane	9.58	129	9005	2.530	ug/l	99
61) 1,2-Dibromoethane	9.67	107	6923	2.635	ug/l	99
64) Tetrachloroethene	9.33	164	11111	3.020	ug/l	95
65) Chlorobenzene	10.14	112	24379	2.750	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	9169	2.558	ug/l	96
67) Ethyl Benzene	10.25	91	40179	2.665	ug/l	95
68) m/p-Xylenes	10.36	106	30503	5.239	ug/l	98
69) o-Xylene	10.70	106	14533	2.561	ug/l	95
70) Styrene	10.71	104	26270	2.627	ug/l	98
71) Bromoform	10.85	173	6419	2.532	ug/l #	99
73) Isopropylbenzene	11.01	105	40403	2.610	ug/l	100
74) N-amyl acetate	10.89	43	11537	2.511	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.26	83	8513	2.687	ug/l	95
76) 1,2,3-Trichloropropane	11.29	75	7649m	2.886	ug/l	
77) Bromobenzene	11.25	156	12113	2.698	ug/l	98
78) n-propylbenzene	11.35	91	46582	2.654	ug/l	99
79) 2-Chlorotoluene	11.42	91	27703	2.622	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	34920	2.614	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	2528m	2.396	ug/l	
82) 4-Chlorotoluene	11.51	91	33008	2.590	ug/l	98
83) tert-Butylbenzene	11.77	119	35286	2.603	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	35783	2.613	ug/l	98
85) sec-Butylbenzene	11.94	105	41413	2.630	ug/l	98
86) p-Isopropyltoluene	12.06	119	40496	2.652	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	22546	2.702	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	23194	2.750	ug/l	92
89) n-Butylbenzene	12.39	91	35190	2.605	ug/l	97
90) Hexachloroethane	12.59	117	7560	2.559	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	20846	2.687	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	1822	2.887	ug/l	88

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX083119\
Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	17572	2.690	ug/l	99
94) Hexachlorobutadiene	13.78	225	11266	2.583	ug/l	99
95) Naphthalene	13.83	128	28853	2.574	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	16035	2.715	ug/l	96

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

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