

Data File : VX011895.D
Acq On : 30 Aug 2019 03:07
Operator : SY/SP
Sample : MDL02
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MDL02

Quant Time: Sep 05 11:58:49 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	317590	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	475965	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	456944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	258153	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	170923	56.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.34%	
35) Dibromofluoromethane	5.48	113	153389	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
50) Toluene-d8	8.71	98	564344	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
62) 4-Bromofluorobenzene	11.13	95	231503	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	4442	2.317	ug/l	88
3) Chloromethane	1.31	50	5686	2.559	ug/l	93
4) Vinyl Chloride	1.40	62	4843	2.282	ug/l	96
5) Bromomethane	1.63	94	5765	3.927	ug/l	98
6) Chloroethane	1.71	64	3345	2.533	ug/l #	87
7) Trichlorofluoromethane	1.92	101	8669	2.353	ug/l	95
8) Diethyl Ether	2.17	74	4061	3.207	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	5967	2.485	ug/l	100
10) Methyl Iodide	2.50	142	2494	1.115	ug/l	94
11) Tert butyl alcohol	3.03	59	4915	16.790	ug/l #	90
12) 1,1-Dichloroethene	2.36	96	5207	2.334	ug/l	95
13) Acrolein	2.28	56	1958	13.438	ug/l #	57
14) Allyl chloride	2.71	41	10433	2.493	ug/l	94
15) Acrylonitrile	3.13	53	9163	13.172	ug/l	95
16) Acetone	2.43	43	10997	16.797	ug/l	98
17) Carbon Disulfide	2.56	76	15304	2.392	ug/l	99
18) Methyl Acetate	2.76	43	6383	3.522	ug/l	95
19) Methyl tert-butyl Ether	3.18	73	18890	2.614	ug/l	97
20) Methylene Chloride	2.84	84	16429	5.056	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	7250	2.759	ug/l	98
22) Diisopropyl ether	3.84	45	21709	2.541	ug/l	91
23) Vinyl Acetate	3.80	43	61385	11.177	ug/l	98
24) 1,1-Dichloroethane	3.68	63	11916	2.530	ug/l	97
25) 2-Butanone	4.68	43	11578	12.142	ug/l	98
26) 2,2-Dichloropropane	4.57	77	9049	2.290	ug/l	86
27) cis-1,2-Dichloroethene	4.59	96	7457	2.409	ug/l	90
28) Bromochloromethane	4.99	49	6124	2.897	ug/l #	8
29) Tetrahydrofuran	5.12	42	7833	13.161	ug/l	96
30) Chloroform	5.20	83	14256	2.830	ug/l	99
31) Cyclohexane	5.56	56	9088	2.392	ug/l	93
32) 1,1,1-Trichloroethane	5.48	97	10904	2.437	ug/l	98
36) 1,1-Dichloropropene	5.79	75	8768	2.325	ug/l #	92
37) Ethyl Acetate	4.83	43	5107	2.288	ug/l #	81
38) Carbon Tetrachloride	5.77	117	9565	2.187	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	10566	2.352	ug/l	97
40) Benzene	6.13	78	25712	2.284	ug/l	99
41) Methacrylonitrile	5.03	41	3037	2.311	ug/l	94
42) 1,2-Dichloroethane	6.18	62	9139	2.388	ug/l	98
43) Isopropyl Acetate	6.43	43	10022	2.215	ug/l #	92
44) Trichloroethene	7.21	130	8232	2.364	ug/l	96
45) 1,2-Dichloropropane	7.51	63	7251	2.463	ug/l	98
46) Dibromomethane	7.65	93	4437	2.539	ug/l	93
47) Bromodichloromethane	7.90	83	10490	2.421	ug/l	92
48) Methyl methacrylate	7.77	41	5461	2.480	ug/l	97
49) 1,4-Dioxane	7.74	88	1582	52.247	ug/l #	57
51) 4-Methyl-2-Pentanone	8.63	43	26238	11.413	ug/l	98
52) Toluene	8.78	92	17449	2.343	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	10336	2.329	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	11296	2.267	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	6231	2.436	ug/l	95
56) Ethyl methacrylate	9.18	69	7591	2.138	ug/l	93
57) 1,3-Dichloropropane	9.37	76	10174	2.396	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	22709	13.430	ug/l	99
59) 2-Hexanone	9.49	43	18317	11.217	ug/l	97
60) Dibromochloromethane	9.58	129	7707	2.243	ug/l	99
61) 1,2-Dibromoethane	9.66	107	5965	2.352	ug/l	98
64) Tetrachloroethene	9.33	164	9874	2.686	ug/l	95
65) Chlorobenzene	10.13	112	20394	2.303	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	8249	2.304	ug/l	99
67) Ethyl Benzene	10.25	91	34477	2.289	ug/l	99
68) m/p-Xylenes	10.35	106	26988	4.640	ug/l	97
69) o-Xylene	10.69	106	13479	2.378	ug/l	91
70) Styrene	10.71	104	21712	2.173	ug/l	96
71) Bromoform	10.85	173	5595	2.210	ug/l #	97
73) Isopropylbenzene	11.01	105	34195	2.305	ug/l	100
74) N-amyl acetate	10.89	43	9386	2.132	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.26	83	7232	2.382	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	6150m	2.422	ug/l	
77) Bromobenzene	11.25	156	10485	2.437	ug/l	99
78) n-propylbenzene	11.35	91	40747	2.423	ug/l	100
79) 2-Chlorotoluene	11.41	91	23589	2.330	ug/l	96
80) 1,3,5-Trimethylbenzene	11.50	105	30286	2.366	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	2180m	2.157	ug/l	
82) 4-Chlorotoluene	11.51	91	29518	2.417	ug/l	97
83) tert-Butylbenzene	11.77	119	30258	2.329	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	32514	2.478	ug/l	100
85) sec-Butylbenzene	11.94	105	37498	2.485	ug/l	100
86) p-Isopropyltoluene	12.06	119	36257	2.478	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	20610	2.578	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	20666	2.557	ug/l	87
89) n-Butylbenzene	12.38	91	34164	2.639	ug/l	99
90) Hexachloroethane	12.59	117	6954	2.457	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	17992	2.420	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1559	2.578	ug/l	90

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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	16717	2.671	ug/l	100
94) Hexachlorobutadiene	13.77	225	12971	3.103	ug/l	97
95) Naphthalene	13.83	128	25323	2.357	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	14387	2.542	ug/l	97

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

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