

Data File : VX011894.D
Acq On : 30 Aug 2019 02:40
Operator : SY/SP
Sample : MDL01
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MDL01

Quant Time: Sep 05 11:47:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 01:59:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	316019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	466997	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	448511	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	259423	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	167581	55.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.70%	
35) Dibromofluoromethane	5.49	113	152309	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
50) Toluene-d8	8.71	98	554315	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
62) 4-Bromofluorobenzene	11.13	95	230100	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	4659	2.443	ug/l	92
3) Chloromethane	1.31	50	6404	2.896	ug/l	90
4) Vinyl Chloride	1.40	62	5589	2.647	ug/l	96
5) Bromomethane	1.63	94	5622	3.848	ug/l	94
6) Chloroethane	1.71	64	3539	2.693	ug/l	95
7) Trichlorofluoromethane	1.92	101	9422	2.570	ug/l	96
8) Diethyl Ether	2.17	74	4282	3.398	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.37	101	6047	2.530	ug/l	93
10) Methyl Iodide	2.50	142	2966	1.333	ug/l #	87
11) Tert butyl alcohol	3.03	59	5077	17.429	ug/l #	91
12) 1,1-Dichloroethene	2.36	96	5633	2.538	ug/l	98
13) Acrolein	2.28	56	2162	14.912	ug/l #	69
14) Allyl chloride	2.71	41	10635	2.554	ug/l	96
15) Acrylonitrile	3.14	53	9428	13.621	ug/l	96
16) Acetone	2.43	43	11732	18.009	ug/l	92
17) Carbon Disulfide	2.56	76	16473	2.587	ug/l #	92
18) Methyl Acetate	2.76	43	6064	3.363	ug/l #	90
19) Methyl tert-butyl Ether	3.18	73	20421	2.840	ug/l	99
20) Methylene Chloride	2.84	84	16026	4.956	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	6688	2.558	ug/l	94
22) Diisopropyl ether	3.84	45	22744	2.676	ug/l #	77
23) Vinyl Acetate	3.81	43	69405	12.701	ug/l	100
24) 1,1-Dichloroethane	3.68	63	12457	2.658	ug/l	98
25) 2-Butanone	4.67	43	12950	13.649	ug/l	91
26) 2,2-Dichloropropane	4.57	77	9526	2.423	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	8529	2.769	ug/l	99
28) Bromochloromethane	4.99	49	5489	2.610	ug/l	92
29) Tetrahydrofuran	5.12	42	8843	14.932	ug/l	99
30) Chloroform	5.19	83	15660	3.125	ug/l	92
31) Cyclohexane	5.56	56	9235	2.443	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	11685	2.625	ug/l	99
36) 1,1-Dichloropropene	5.79	75	8808	2.381	ug/l	97
37) Ethyl Acetate	4.84	43	5032	2.298	ug/l #	87
38) Carbon Tetrachloride	5.77	117	9545	2.224	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	9784	2.220	ug/l	95
40) Benzene	6.13	78	27999	2.535	ug/l	97
41) Methacrylonitrile	5.04	41	3376	2.618	ug/l #	78
42) 1,2-Dichloroethane	6.18	62	10067	2.681	ug/l	89
43) Isopropyl Acetate	6.44	43	11331	2.552	ug/l	97
44) Trichloroethene	7.21	130	8612	2.520	ug/l	98
45) 1,2-Dichloropropane	7.51	63	7930	2.745	ug/l	100
46) Dibromomethane	7.66	93	4562	2.661	ug/l	96
47) Bromodichloromethane	7.89	83	10916	2.568	ug/l #	92
48) Methyl methacrylate	7.76	41	6005	2.780	ug/l	97
49) 1,4-Dioxane	7.74	88	1637	55.102	ug/l #	87
51) 4-Methyl-2-Pentanone	8.63	43	28596	12.678	ug/l	97
52) Toluene	8.78	92	18383	2.516	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	10795	2.479	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	12151	2.486	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	6876	2.740	ug/l	89
56) Ethyl methacrylate	9.18	69	8283	2.378	ug/l	94
57) 1,3-Dichloropropane	9.37	76	10839	2.602	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	21297	12.837	ug/l	98
59) 2-Hexanone	9.49	43	20431	12.751	ug/l	97
60) Dibromochloromethane	9.58	129	8817	2.616	ug/l	91
61) 1,2-Dibromoethane	9.66	107	6386	2.566	ug/l	94
64) Tetrachloroethene	9.33	164	9432	2.614	ug/l	95
65) Chlorobenzene	10.13	112	21847	2.514	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	8957	2.548	ug/l	98
67) Ethyl Benzene	10.25	91	36030	2.437	ug/l	96
68) m/p-Xylenes	10.35	106	28304	4.958	ug/l	99
69) o-Xylene	10.69	106	13629	2.450	ug/l	95
70) Styrene	10.71	104	23568	2.404	ug/l	97
71) Bromoform	10.85	173	5899	2.374	ug/l #	100
73) Isopropylbenzene	11.01	105	35283	2.367	ug/l	100
74) N-amyl acetate	10.90	43	10550	2.385	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	11.26	83	8215	2.693	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	6547m	2.565	ug/l	
77) Bromobenzene	11.25	156	10480	2.424	ug/l	96
78) n-propylbenzene	11.35	91	40030	2.368	ug/l	97
79) 2-Chlorotoluene	11.41	91	24928	2.450	ug/l	96
80) 1,3,5-Trimethylbenzene	11.50	105	31585	2.455	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	2422m	2.384	ug/l	
82) 4-Chlorotoluene	11.51	91	31028	2.528	ug/l	100
83) tert-Butylbenzene	11.77	119	30768	2.357	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	32280	2.448	ug/l	100
85) sec-Butylbenzene	11.94	105	35409	2.335	ug/l	100
86) p-Isopropyltoluene	12.06	119	33961	2.310	ug/l	94
87) 1,3-Dichlorobenzene	12.02	146	20407	2.540	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	21082	2.596	ug/l	86
89) n-Butylbenzene	12.38	91	29740	2.286	ug/l	99
90) Hexachloroethane	12.59	117	6863	2.413	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	18696	2.503	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.99	75	1653	2.720	ug/l	96

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	13.64	180	15469	2.459	ug/l	100
94) Hexachlorobutadiene	13.78	225	9604	2.286	ug/l	99
95) Naphthalene	13.83	128	27495	2.547	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	14477	2.545	ug/l	98

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

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