

Data File : VX011947.D
Acq On : 31 Aug 2019 13:31
Operator : SY/SP
Sample : MDL06
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MDL06

Quant Time: Sep 05 12:06:50 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	384929	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	512983	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	475786	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	275663	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	174210	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	
35) Dibromofluoromethane	5.48	113	164630	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
50) Toluene-d8	8.71	98	601773	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
62) 4-Bromofluorobenzene	11.14	95	245295	47.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	6113	2.631	ug/l	91
3) Chloromethane	1.31	50	5798	2.153	ug/l	89
4) Vinyl Chloride	1.39	62	5758	2.239	ug/l	100
5) Bromomethane	1.63	94	5354	3.009	ug/l	88
6) Chloroethane	1.71	64	3490	2.180	ug/l #	84
7) Trichlorofluoromethane	1.92	101	10312	2.309	ug/l	99
8) Diethyl Ether	2.17	74	3635	2.368	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.37	101	6559	2.253	ug/l	93
10) Methyl Iodide	2.50	142	4601	1.698	ug/l #	91
11) Tert butyl alcohol	3.03	59	4668	13.156	ug/l #	93
12) 1,1-Dichloroethene	2.36	96	5851	2.164	ug/l	96
13) Acrolein	2.28	56	1931	10.935	ug/l #	53
14) Allyl chloride	2.71	41	9853	1.943	ug/l	96
15) Acrylonitrile	3.12	53	8240	9.773	ug/l	99
16) Acetone	2.43	43	10064	12.683	ug/l	97
17) Carbon Disulfide	2.56	76	15966	2.059	ug/l #	94
18) Methyl Acetate	2.76	43	5884	2.679	ug/l	94
19) Methyl tert-butyl Ether	3.18	73	17498	1.998	ug/l	97
20) Methylene Chloride	2.84	84	11872	3.014	ug/l	90
21) trans-1,2-Dichloroethene	3.15	96	7037	2.210	ug/l	98
22) Diisopropyl ether	3.84	45	20743	2.004	ug/l #	89
23) Vinyl Acetate	3.80	43	56350	8.466	ug/l	96
24) 1,1-Dichloroethane	3.69	63	11575	2.027	ug/l #	94
25) 2-Butanone	4.66	43	10439	9.033	ug/l	95
26) 2,2-Dichloropropane	4.56	77	10691	2.233	ug/l	91
27) cis-1,2-Dichloroethene	4.58	96	8438	2.249	ug/l	97
28) Bromochloromethane	5.00	49	6644	2.593	ug/l	100
29) Tetrahydrofuran	5.12	42	6844	9.488	ug/l	89
30) Chloroform	5.20	83	14401	2.359	ug/l	90
31) Cyclohexane	5.57	56	10541	2.289	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	11670	2.152	ug/l	97
36) 1,1-Dichloropropene	5.79	75	9124	2.245	ug/l	96
37) Ethyl Acetate	4.83	43	4473	1.859	ug/l #	86
38) Carbon Tetrachloride	5.77	117	11037	2.342	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	12318	2.545	ug/l	99
40) Benzene	6.13	78	24935	2.055	ug/l	99
41) Methacrylonitrile	5.04	41	2822	1.992	ug/l #	94
42) 1,2-Dichloroethane	6.18	62	9089	2.203	ug/l	88
43) Isopropyl Acetate	6.44	43	8893	1.823	ug/l #	92
44) Trichloroethene	7.21	130	8825	2.351	ug/l	92
45) 1,2-Dichloropropane	7.50	63	6959	2.193	ug/l	98
46) Dibromomethane	7.65	93	4124	2.190	ug/l	95
47) Bromodichloromethane	7.89	83	9455	2.025	ug/l	97
48) Methyl methacrylate	7.77	41	4872	2.053	ug/l	97
49) 1,4-Dioxane	7.74	88	1363	41.766	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	22469	9.068	ug/l	97
52) Toluene	8.78	92	17545	2.186	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	9431	1.972	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	10990	2.047	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	6091	2.209	ug/l	96
56) Ethyl methacrylate	9.17	69	7342	1.919	ug/l	96
57) 1,3-Dichloropropane	9.37	76	9956	2.176	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	20073	11.014	ug/l	99
59) 2-Hexanone	9.49	43	16066	9.128	ug/l	99
60) Dibromochloromethane	9.58	129	7420	2.004	ug/l	98
61) 1,2-Dibromoethane	9.67	107	5707	2.088	ug/l	99
64) Tetrachloroethene	9.33	164	9448	2.469	ug/l	96
65) Chlorobenzene	10.14	112	20091	2.179	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	8060	2.162	ug/l	96
67) Ethyl Benzene	10.25	91	34931	2.227	ug/l	98
68) m/p-Xylenes	10.36	106	27440	4.531	ug/l	97
69) o-Xylene	10.70	106	13151	2.228	ug/l	99
70) Styrene	10.71	104	20809	2.001	ug/l	96
71) Bromoform	10.86	173	5116	1.941	ug/l #	96
73) Isopropylbenzene	11.01	105	35391	2.234	ug/l	98
74) N-amyl acetate	10.89	43	8530	1.815	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.26	83	6774	2.090	ug/l	94
76) 1,2,3-Trichloropropane	11.29	75	5601m	2.065	ug/l	
77) Bromobenzene	11.25	156	10462	2.277	ug/l	95
78) n-propylbenzene	11.35	91	41408	2.305	ug/l	98
79) 2-Chlorotoluene	11.42	91	25055	2.318	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	31068	2.272	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	2133m	1.976	ug/l	
82) 4-Chlorotoluene	11.51	91	30076	2.306	ug/l	100
83) tert-Butylbenzene	11.76	119	32801	2.364	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	31934	2.279	ug/l	100
85) sec-Butylbenzene	11.94	105	39451	2.448	ug/l	99
86) p-Isopropyltoluene	12.06	119	36626	2.344	ug/l	95
87) 1,3-Dichlorobenzene	12.02	146	19983	2.341	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	20720	2.401	ug/l	85
89) n-Butylbenzene	12.39	91	33968	2.457	ug/l	97
90) Hexachloroethane	12.59	117	7287	2.411	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	18423	2.321	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1497	2.318	ug/l	90

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	17101	2.559	ug/l	99
94) Hexachlorobutadiene	13.78	225	12208	2.735	ug/l	98
95) Naphthalene	13.83	128	27429	2.391	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	15977	2.644	ug/l	97

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

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