

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060718\
 Data File : VD058003.D
 Acq On : 8 Jun 2018 7:49
 Operator : JC/SY
 Sample : J3354-03MS
 Misc : 16.06g/5ml/MSVOA D/SOIL
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CAS1-SB-02-03-1-27MS

Quant Time: Jun 08 08:46:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 08:57:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	725856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.68	114	1030990	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	794386	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	362957	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.01	65	427101	58.86	ug/l	0.00
Spiked Amount			Recovery	=	117.72%	
35) Dibromofluoromethane	5.55	113	453116	56.80	ug/l	0.00
Spiked Amount			Recovery	=	113.60%	
50) Toluene-d8	8.70	98	1023188	53.95	ug/l	0.00
Spiked Amount			Recovery	=	107.90%	
62) 4-Bromofluorobenzene	11.92	95	423468	51.19	ug/l	0.00
Spiked Amount			Recovery	=	102.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.36	85	457445	46.956	ug/l	97
3) Chloromethane	1.49	50	240667	50.161	ug/l	98
4) Vinyl Chloride	1.57	62	228275	49.152	ug/l	97
5) Bromomethane	1.81	94	112206	61.645	ug/l	100
6) Chloroethane	1.90	64	113382	61.878	ug/l	93
7) Trichlorofluoromethane	2.09	101	369455	58.196	ug/l	94
8) Diethyl Ether	2.35	74	74765	63.395	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.57	101	214008	56.516	ug/l	95
10) Methyl Iodide	2.71	142	274993	56.281	ug/l	98
11) Tert butyl alcohol	3.28	59	62933	323.732	ug/l #	94
12) 1,1-Dichloroethene	2.56	96	156955	53.915	ug/l	99
14) Allvl chloride	2.93	41	348915	51.957	ug/l	96
15) Acrylonitrile	3.36	53	338544	297.683	ug/l	96
16) Acetone	2.62	43	312478	298.878	ug/l	98
17) Carbon Disulfide	2.76	76	479706	45.487	ug/l	99
18) Methyl Acetate	2.94	43	171612	84.851	ug/l	97
19) Methyl tert-butyl Ether	3.41	73	786636	61.410	ug/l	99
20) Methylene Chloride	3.08	84	180886	62.697	ug/l	98
21) trans-1,2-Dichloroethene	3.39	96	319229	49.232	ug/l	97
22) Diisopropyl ether	4.07	45	1632791	61.372	ug/l	95
23) Vinyl Acetate	4.02	43	3053657	222.147	ug/l	98
24) 1,1-Dichloroethane	3.97	63	842873	57.645	ug/l	99
25) 2-Butanone	4.84	43	653072	274.858	ug/l	99
26) 2,2-Dichloropropane	4.80	77	591489	49.107	ug/l	93
27) cis-1,2-Dichloroethene	4.80	96	411047	53.450	ug/l	99
28) Bromochloromethane	5.15	49	380983	60.201	ug/l	98
29) Tetrahydrofuran	5.19	42	357864	287.318	ug/l	99
30) Chloroform	5.32	83	879060	59.737	ug/l	99
31) Cyclohexane	5.59	56	589211	46.695	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	686151	55.688	ug/l	97
36) 1,1-Dichloropropene	5.75	75	529836	46.646	ug/l	97
37) Ethyl Acetate	4.93	43	319651	51.574	ug/l	98
38) Carbon Tetrachloride	5.73	117	574669	51.335	ug/l	99
39) Methylcyclohexane	7.28	83	499152	44.329	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.01	78	1417527	53.421	ug/l	98
41) Methacrylonitrile	5.13	41	177235	62.540	ug/l	97
42) 1,2-Dichloroethane	6.13	62	594312	55.396	ug/l	99
43) Isopropyl Acetate	7.61	43	402721	49.607	ug/l	98
44) Trichloroethene	6.98	130	366727	47.315	ug/l	98
45) 1,2-Dichloropropane	7.34	63	430028	58.310	ug/l	96
46) Dibromomethane	7.46	93	258564	54.577	ug/l	98
47) Bromodichloromethane	7.74	83	626577	56.486	ug/l	99
48) Methyl methacrylate	7.50	41	274705	54.977	ug/l	96
49) 1,4-Dioxane	7.49	88	47538	1148.427	ug/l	88
51) 4-Methyl-2-Pentanone	8.59	43	1443035	277.126	ug/l	98
52) Toluene	8.80	92	814380	53.477	ug/l	99
53) t-1,3-Dichloropropene	9.18	75	458372	47.962	ug/l	98
54) cis-1,3-Dichloropropene	8.36	75	569150	50.550	ug/l	99
55) 1,1,2-Trichloroethane	9.45	97	277549	56.314	ug/l	97
56) Ethyl methacrylate	9.30	69	351354	58.116	ug/l	97
57) 1,3-Dichloropropane	9.66	76	467039	54.029	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.18	63	816756	267.397	ug/l	97
59) 2-Hexanone	9.78	43	975972	255.759	ug/l	100
60) Dibromochloromethane	9.95	129	399044	57.416	ug/l	99
61) 1,2-Dibromoethane	10.09	107	291842	51.490	ug/l	90
64) Tetrachloroethene	9.51	164	354809	49.960	ug/l	99
65) Chlorobenzene	10.72	112	829471	51.579	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.85	131	358456	58.015	ug/l	96
67) Ethyl Benzene	10.85	91	1501680	51.686	ug/l	99
68) m/p-Xylenes	11.00	106	983557	103.844	ug/l	98
69) o-Xylene	11.40	106	503181	53.521	ug/l	95
70) Stvrene	11.43	104	804964	51.721	ug/l	97
71) Bromoform	11.59	173	257915	55.489	ug/l	99
73) Isopropylbenzene	11.76	105	1333119	55.453	ug/l	99
74) N-amyl acetate	11.63	43	498351	53.721	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.07	83	348550	66.499	ug/l	96
76) 1,2,3-Trichloropropane	12.11	75	331033	60.716	ug/l	97
77) Bromobenzene	12.04	156	390661	54.898	ug/l	81
78) n-propylbenzene	12.15	91	1656926	52.966	ug/l	97
79) 2-Chlorotoluene	12.20	91	986216	55.261	ug/l	99
80) 1,3,5-Trimethylbenzene	12.31	105	1045361	55.758	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.84	75	72073	53.371	ug/l	94
82) 4-Chlorotoluene	12.32	91	1047698	61.069	ug/l	92
83) tert-Butylbenzene	12.57	119	1135377	53.632	ug/l	91
84) 1,2,4-Trimethylbenzene	12.62	105	1136391	56.373	ug/l	98
85) sec-Butylbenzene	12.75	105	1241003	48.574	ug/l	99
86) p-Isopropyltoluene	12.88	119	1005110	48.811	ug/l	97
87) 1,3-Dichlorobenzene	12.83	146	571523	47.479	ug/l	98
88) 1,4-Dichlorobenzene	12.92	146	575712	49.087	ug/l	97
89) n-Butylbenzene	13.19	91	860163	46.021	ug/l	98
90) Hexachloroethane	13.40	117	259143	49.307	ug/l	89
91) 1,2-Dichlorobenzene	13.19	146	497863	51.179	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.77	75	54805	67.750	ug/l #	52
93) 1,2,4-Trichlorobenzene	14.33	180	323291	35.572	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.43	225	189734	26.541	ug/l	97
95) Naphthalene	14.51	128	523696	44.692	ug/l	98
96) 1,2,3-Trichlorobenzene	14.66	180	286147	36.945	ug/l #	88

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

