

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051219\
 Data File : VD062258.D
 Acq On : 12 May 2019 14:52
 Operator : FY/SY
 Sample : K2733-03MSD
 Misc : 6.28g/5mL/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS001-0002-01MSD

Quant Time: May 13 01:33:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	492644	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.23	114	740057	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.37	117	469996	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	122649	50.00	ug/l	0.02

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.47	65	231125	50.48	ug/l	0.05
Spiked Amount	50.000		Recovery	=	100.96%	
35) Dibromofluoromethane	6.94	113	291173	47.42	ug/l	0.05
Spiked Amount	50.000		Recovery	=	94.84%	
50) Toluene-d8	10.42	98	507221	34.26	ug/l	0.03
Spiked Amount	50.000		Recovery	=	68.52%	
62) 4-Bromofluorobenzene	13.56	95	134285	22.59	ug/l	0.02
Spiked Amount	50.000		Recovery	=	45.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.58	85	234706	49.813	ug/l	100
3) Chloromethane	1.76	50	151440	44.481	ug/l	100
4) Vinyl Chloride	1.86	62	178105	53.230	ug/l	97
5) Bromomethane	2.17	94	49884	63.627	ug/l	97
6) Chloroethane	2.28	64	98525	70.174	ug/l	97
7) Trichlorofluoromethane	2.55	101	355567	54.660	ug/l	100
8) Diethyl Ether	2.88	74	60500	48.224	ug/l	77
9) 1,1,2-Trichlorotrifluoroet	3.16	101	193606	39.344	ug/l	95
10) Methyl Iodide	3.32	142	113091	15.206	ug/l #	87
11) Tert butyl alcohol	4.06	59	54161	231.762	ug/l #	92
12) 1,1-Dichloroethene	3.14	96	188382	50.150	ug/l	92
14) Allyl chloride	3.63	41	246569	45.145	ug/l #	85
15) Acrylonitrile	4.21	53	98836	160.905	ug/l	93
16) Acetone	3.23	43	206986	215.588	ug/l #	86
17) Carbon Disulfide	3.39	76	409948	37.938	ug/l	98
18) Methyl Acetate	3.65	43	98432	57.369	ug/l	97
19) Methyl tert-butyl Ether	4.25	73	469331	58.291	ug/l	97
20) Methylene Chloride	3.83	84	266813	66.557	ug/l	93
21) trans-1,2-Dichloroethene	4.23	96	220388	52.725	ug/l	92
22) Diisopropyl ether	5.14	45	764917	65.814	ug/l #	85
23) Vinyl Acetate	5.14	43	318990	52.020	ug/l #	77
24) 1,1-Dichloroethane	5.00	63	437280	62.368	ug/l	98
25) 2-Butanone	6.08	43	219896	209.977	ug/l	97
26) 2,2-Dichloropropane	6.04	77	309274	44.283	ug/l	96
27) cis-1,2-Dichloroethene	6.05	96	266537	56.968	ug/l	95
28) Bromochloromethane	6.46	49	218184	79.095	ug/l	86
29) Tetrahydrofuran	6.47	42	134318	278.366	ug/l	93
30) Chloroform	6.68	83	521907	61.765	ug/l	99
31) Cyclohexane	6.97	56	151063	31.449	ug/l	93
32) 1,1,1-Trichloroethane	6.89	97	436580	54.663	ug/l	99
36) 1,1-Dichloropropene	7.15	75	243972	40.208	ug/l	94
37) Ethyl Acetate	6.08	43	221342	86.016	ug/l #	28
38) Carbon Tetrachloride	7.13	117	365686	43.543	ug/l	99
39) Methylcyclohexane	8.88	83	85802	14.759	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	7.47	78	686650	50.114	ug/l	97
41) Methacrylonitrile	6.48	41	117651	37.413	ug/l #	79
42) 1,2-Dichloroethane	7.59	62	309037	53.234	ug/l	95
43) Isopropyl Acetate	9.33	43	6622	1.815	ug/l #	43
44) Trichloroethene	8.55	130	219901	42.118	ug/l	88
45) 1,2-Dichloropropane	8.96	63	180461	53.247	ug/l	98
46) Dibromomethane	9.07	93	159366	57.825	ug/l	95
47) Bromodichloromethane	9.39	83	343585	50.967	ug/l	97
48) Methyl methacrylate	9.13	41	44984	20.011	ug/l #	82
49) 1,4-Dioxane	9.09	88	23818	982.027	ug/l #	85
51) 4-Methyl-2-Pentanone	10.31	43	497949	212.264	ug/l	91
52) Toluene	10.52	92	395667	44.383	ug/l	95
53) t-1,3-Dichloropropene	10.92	75	176705	30.329	ug/l	99
54) cis-1,3-Dichloropropene	10.05	75	172745	27.178	ug/l #	86
55) 1,1,2-Trichloroethane	11.20	97	150739	47.788	ug/l	96
57) 1,3-Dichloropropane	11.42	76	220907	46.357	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.87	63	418051	233.490	ug/l	97
59) 2-Hexanone	11.53	43	145006	83.866	ug/l	92
60) Dibromochloromethane	11.69	129	239888	44.006	ug/l	100
61) 1,2-Dibromoethane	11.81	107	146781	38.275	ug/l	94
64) Tetrachloroethene	11.27	164	162704	44.271	ug/l	94
65) Chlorobenzene	12.41	112	381818	43.617	ug/l	96
66) 1,1,1,2-Tetrachloroethane	12.52	131	214800	56.381	ug/l	93
67) Ethyl Benzene	12.53	91	651886	44.482	ug/l	93
68) m/p-Xylenes	12.68	106	402400	75.470	ug/l	92
69) o-Xylene	13.05	106	196610	39.663	ug/l	86
70) Styrene	13.08	104	237667	28.303	ug/l	96
71) Bromoform	13.24	173	108071	40.772	ug/l #	96
73) Isopropylbenzene	13.40	105	469907	63.916	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.70	83	131490	94.473	ug/l	98
76) 1,2,3-Trichloropropane	13.74	75	113519	77.881	ug/l	98
77) Bromobenzene	13.68	156	159867	77.678	ug/l	94
78) n-propylbenzene	13.78	91	404412	46.113	ug/l	94
79) 2-Chlorotoluene	13.85	91	294976	58.728	ug/l	96
80) 1,3,5-Trimethylbenzene	13.94	105	350651	56.639	ug/l	94
81) trans-1,4-Dichloro-2-buten	13.47	75	15414	37.460	ug/l	88
82) 4-Chlorotoluene	13.95	91	345727	58.493	ug/l	93
83) tert-Butylbenzene	14.19	119	331905	47.697	ug/l	89
84) 1,2,4-Trimethylbenzene	14.24	105	332990	53.599	ug/l	90
85) sec-Butylbenzene	14.37	105	251230	32.929	ug/l	93
86) p-Isopropyltoluene	14.50	119	129322	18.972	ug/l	96
87) 1,3-Dichlorobenzene	14.46	146	152210	40.485	ug/l	99
88) 1,4-Dichlorobenzene	14.55	146	166313	45.021	ug/l	90
89) n-Butylbenzene	14.80	91	122871	20.083	ug/l	92
90) Hexachloroethane	15.01	117	51247	27.646	ug/l	99
91) 1,2-Dichlorobenzene	14.81	146	145650	47.040	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	15.38	75	16971	74.281	ug/l	74
93) 1,2,4-Trichlorobenzene	15.95	180	41949	18.614	ug/l	97
94) Hexachlorobutadiene	16.04	225	18020	10.750	ug/l	94
95) Naphthalene	16.13	128	88486	28.123	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	16.28	180	27194	19.192	ug/l	94

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

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