

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011520\
 Data File : VY001250.D
 Acq On : 16 Jan 2020 04:08
 Operator : SY/MD
 Sample : L1136-07MSD
 Misc : 8.51G/5ML/MSVOA Y/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB457_200113_28-30MSD

Manual Integrations
 APPROVED

MMDadoda
 1/16/2020 9:36:59 AM

Quant Time: Jan 16 07:28:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	147316	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	268472	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	202927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	71081	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	72968	46.90	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.80%	
35) Dibromofluoromethane	7.73	113	72549	46.15	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.30%	
50) Toluene-d8	10.18	98	275127	45.42	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.84%	
62) 4-Bromofluorobenzene	12.48	95	79290	32.02	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	64.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	66978	59.200	ug/l	97
3) Chloromethane	2.12	50	107818	66.114	ug/l	99
4) Vinyl Chloride	2.25	62	1419688	864.127	ug/l	99
5) Bromomethane	2.65	94	72450	82.097	ug/l	96
6) Chloroethane	2.80	64	72290	76.162	ug/l	99
7) Trichlorofluoromethane	3.13	101	129876	56.793	ug/l	100
8) Diethyl Ether	3.54	74	51680	58.158	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.91	101	80967	55.004	ug/l	99
10) Methyl Iodide	4.10	142	116471	57.806	ug/l	98
11) Tert butyl alcohol	4.97	59	36624	233.950	ug/l	98
12) 1,1-Dichloroethene	3.88	96	106515	70.727	ug/l	99
13) Acrolein	3.74	56	3777	26.800	ug/l	88
14) Allyl chloride	4.49	41	107701	42.373	ug/l	99
15) Acrylonitrile	5.18	53	119400	268.669	ug/l	99
16) Acetone	3.96	43	89488	247.650	ug/l	100
17) Carbon Disulfide	4.20	76	301512	61.858	ug/l	99
18) Methyl Acetate	4.49	43	89157	74.627	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	238525	57.259	ug/l	99
20) Methylene Chloride	4.73	84	113217	69.373	ug/l	96
21) trans-1,2-Dichloroethene	5.23	96	239772	140.412	ug/l	99
22) Diisopropyl ether	6.13	45	321364	61.902	ug/l	93
23) Vinyl Acetate	6.07	43	595014	179.211	ug/l	99
24) 1,1-Dichloroethane	6.03	63	290512	102.217	ug/l	99
25) 2-Butanone	7.00	43	151467	269.330	ug/l #	78
26) 2,2-Dichloropropane	7.00	77	134177	51.339	ug/l #	1
27) cis-1,2-Dichloroethene	7.00	96	2566103	1371.413	ug/l	92
28) Bromochloromethane	7.35	49	67238	57.612	ug/l	98
29) Tetrahydrofuran	7.36	42	102947	267.115	ug/l	97
30) Chloroform	7.52	83	172871	62.077	ug/l	99
31) Cyclohexane	7.80	56	157253	52.257	ug/l	96
32) 1,1,1-Trichloroethane	7.72	97	146614	59.336	ug/l	100
36) 1,1-Dichloropropene	7.93	75	128276	52.423	ug/l	99
37) Ethyl Acetate	7.08	43	64716	45.065	ug/l #	80
38) Carbon Tetrachloride	7.91	117	118604	52.889	ug/l	96

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39) Methylcyclohexane	9.19	83	154147	46.466	ug/l	99
40) Benzene	8.17	78	416263	58.277	ug/l	99
41) Methacrylonitrile	7.33	41	39579m	58.673	ug/l	
42) 1,2-Dichloroethane	8.25	62	110195	55.096	ug/l	100
43) Isopropyl Acetate	8.28	43	139869	50.935	ug/l	99
44) Trichloroethene	8.94	130	134315	72.165	ug/l	100
45) 1,2-Dichloropropane	9.22	63	99034	56.083	ug/l	99
46) Dibromomethane	9.31	93	50434	52.346	ug/l	98
47) Bromodichloromethane	9.50	83	124847	53.170	ug/l	97
48) Methyl methacrylate	9.30	41	64790	50.986	ug/l	99
49) 1,4-Dioxane	9.30	88	12752	1086.807	ug/l	93
51) 4-Methyl-2-Pentanone	10.07	43	343854	246.780	ug/l	99
52) Toluene	10.25	92	244163	53.595	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	119670	45.545	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	145527	49.124	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	70621	49.442	ug/l	97
56) Ethyl methacrylate	10.51	69	103473	47.358	ug/l	99
57) 1,3-Dichloropropane	10.79	76	122527	49.968	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	155039	201.753	ug/l	99
59) 2-Hexanone	10.83	43	233356	238.968	ug/l	97
60) Dibromochloromethane	10.99	129	77087	46.874	ug/l	99
61) 1,2-Dibromoethane	11.09	107	64240	46.060	ug/l	100
64) Tetrachloroethene	10.72	164	79742	60.959	ug/l	98
65) Chlorobenzene	11.52	112	221620	54.656	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	83249	59.569	ug/l	99
67) Ethyl Benzene	11.59	91	426547	57.505	ug/l	99
68) m/p-Xylenes	11.70	106	320003	114.364	ug/l	100
69) o-Xylene	12.03	106	152674	56.909	ug/l	100
70) Styrene	12.04	104	238746	50.719	ug/l	98
71) Bromoform	12.20	173	40267	46.722	ug/l	98
73) Isopropylbenzene	12.33	105	392614	73.473	ug/l	100
74) N-amyl acetate	12.14	43	106971	64.144	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.58	83	74611	66.364	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	50793m	66.751	ug/l	
77) Bromobenzene	12.61	156	76034	64.394	ug/l	95
78) n-propylbenzene	12.67	91	428419	66.653	ug/l	100
79) 2-Chlorotoluene	12.75	91	237669	64.384	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	297651	66.758	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	22838	50.896	ug/l #	95
82) 4-Chlorotoluene	12.85	91	238368	60.487	ug/l	99
83) tert-Butylbenzene	13.07	119	262714	70.124	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	290840	65.686	ug/l	100
85) sec-Butylbenzene	13.25	105	329865	61.203	ug/l	100
86) p-Isopropyltoluene	13.37	119	281267	60.106	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	119244	53.400	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	121487	52.861	ug/l	99
89) n-Butylbenzene	13.69	91	230222	48.847	ug/l	98
90) Hexachloroethane	13.96	117	55657	60.870	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	103414	49.830	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	11022	54.348	ug/l	98

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93) 1,2,4-Trichlorobenzene	15.00	180	36787	26.903	ug/l	98
94) Hexachlorobutadiene	15.11	225	19926	28.926	ug/l	99
95) Naphthalene	15.23	128	110455	34.698	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	29010	24.073	ug/l	99

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

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