

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011520\
 Data File : VY001249.D
 Acq On : 16 Jan 2020 03:46
 Operator : SY/MD
 Sample : L1136-06MS
 Misc : 8.76G/5ML/MSVOA Y/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB457_200113_28-30MS

Manual Integrations
 APPROVED

MMDadoda
 1/16/2020 9:36:54 AM

Quant Time: Jan 16 07:25:50 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	142368	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	269830	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	230971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	98998	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	83966	55.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.68%	
35) Dibromofluoromethane	7.73	113	79626	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
50) Toluene-d8	10.18	98	323141	53.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.16%	
62) 4-Bromofluorobenzene	12.48	95	111184	44.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	60142	55.006	ug/l	99
3) Chloromethane	2.12	50	92297	58.564	ug/l	98
4) Vinyl Chloride	2.26	62	1413460	890.238	ug/l	99
5) Bromomethane	2.65	94	65385	76.666	ug/l	94
6) Chloroethane	2.80	64	62464	68.097	ug/l	99
7) Trichlorofluoromethane	3.13	101	117310	53.081	ug/l	98
8) Diethyl Ether	3.54	74	47366	55.156	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.91	101	73928	51.968	ug/l	99
10) Methyl Iodide	4.10	142	103688	53.251	ug/l	99
11) Tert butyl alcohol	4.96	59	37615	248.632	ug/l	98
12) 1,1-Dichloroethene	3.88	96	89207	61.293	ug/l	97
13) Acrolein	3.74	56	6058	44.480	ug/l	96
14) Allyl chloride	4.49	41	135766	55.271	ug/l	100
15) Acrylonitrile	5.18	53	118551	276.030	ug/l	100
16) Acetone	3.96	43	86501	247.704	ug/l	100
17) Carbon Disulfide	4.20	76	257505	54.666	ug/l	99
18) Methyl Acetate	4.49	43	108212	93.724	ug/l	97
19) Methyl tert-butyl Ether	5.24	73	221024	54.902	ug/l	98
20) Methylene Chloride	4.73	84	103291	65.143	ug/l	96
21) trans-1,2-Dichloroethene	5.23	96	156889	95.068	ug/l	94
22) Diisopropyl ether	6.13	45	282496	56.307	ug/l	95
23) Vinyl Acetate	6.08	43	541080	168.631	ug/l	99
24) 1,1-Dichloroethane	6.03	63	223309	81.302	ug/l	97
25) 2-Butanone	7.00	43	150383	276.696	ug/l #	89
26) 2,2-Dichloropropane	6.99	77	119699	47.391	ug/l #	8
27) cis-1,2-Dichloroethene	7.00	96	1563435	864.592	ug/l	91
28) Bromochloromethane	7.35	49	70541	62.543	ug/l	100
29) Tetrahydrofuran	7.36	42	103804	278.699	ug/l	97
30) Chloroform	7.52	83	156662	58.212	ug/l	97
31) Cyclohexane	7.80	56	148514	51.068	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	131961	55.262	ug/l	98
36) 1,1-Dichloropropene	7.93	75	121970	49.595	ug/l	99
37) Ethyl Acetate	7.09	43	65605	45.454	ug/l #	81
38) Carbon Tetrachloride	7.91	117	112950	50.114	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	156155	46.835	ug/l	99
40) Benzene	8.17	78	384947	53.621	ug/l	99
41) Methacrylonitrile	7.33	41	30415m	44.861	ug/l	
42) 1,2-Dichloroethane	8.25	62	102365	50.923	ug/l	99
43) Isopropyl Acetate	8.28	43	136660	49.516	ug/l	99
44) Trichloroethene	8.94	130	109424	58.496	ug/l	100
45) 1,2-Dichloropropane	9.22	63	93265	52.550	ug/l	96
46) Dibromomethane	9.31	93	49100	50.705	ug/l	99
47) Bromodichloromethane	9.50	83	120677	51.135	ug/l	98
48) Methyl methacrylate	9.30	41	65443	51.241	ug/l	100
49) 1,4-Dioxane	9.30	88	13487	1143.664	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	355553	253.891	ug/l	99
52) Toluene	10.24	92	239228	52.247	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	126354	47.847	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	144671	48.590	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	74212	51.695	ug/l	98
56) Ethyl methacrylate	10.51	69	103615	47.184	ug/l	97
57) 1,3-Dichloropropane	10.79	76	125207	50.804	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	184344	238.681	ug/l	99
59) 2-Hexanone	10.83	43	242363	246.943	ug/l	98
60) Dibromochloromethane	10.99	129	80656	48.797	ug/l	99
61) 1,2-Dibromoethane	11.09	107	69224	49.384	ug/l	99
64) Tetrachloroethene	10.72	164	78493	52.719	ug/l	99
65) Chlorobenzene	11.52	112	326275	70.696	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	83450	52.463	ug/l	99
67) Ethyl Benzene	11.59	91	439371	52.042	ug/l	100
68) m/p-Xylenes	11.70	106	330023	103.624	ug/l	99
69) o-Xylene	12.03	106	157294	51.513	ug/l	100
70) Styrene	12.04	104	271033	50.587	ug/l	99
71) Bromoform	12.20	173	48596	49.540	ug/l #	100
73) Isopropylbenzene	12.33	105	417952	56.158	ug/l	100
74) N-amyl acetate	12.14	43	108395	46.669	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.58	83	88236	56.351	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	60325m	56.922	ug/l	
77) Bromobenzene	12.61	156	89910	54.673	ug/l	97
78) n-propylbenzene	12.67	91	485040	54.182	ug/l	100
79) 2-Chlorotoluene	12.75	91	275144	53.517	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	339822	54.724	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	30683	49.097	ug/l #	100
82) 4-Chlorotoluene	12.85	91	284806	51.890	ug/l	99
83) tert-Butylbenzene	13.07	119	289209	55.427	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	338369	54.870	ug/l	100
85) sec-Butylbenzene	13.25	105	405227	53.984	ug/l	99
86) p-Isopropyltoluene	13.37	119	348673	53.499	ug/l	98
87) 1,3-Dichlorobenzene	13.36	146	168192	54.080	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	171923	53.711	ug/l	100
89) n-Butylbenzene	13.69	91	322354	49.108	ug/l	99
90) Hexachloroethane	13.96	117	69459	54.543	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	161966	56.035	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	15666	55.464	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	79395	41.690	ug/l	99
94) Hexachlorobutadiene	15.11	225	39787	41.470	ug/l	98
95) Naphthalene	15.23	128	210771	47.540	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	68111	40.581	ug/l	100

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

