

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040920\
 Data File : VY002266.D
 Acq On : 09 Apr 2020 11:37
 Operator : SY/MD
 Sample : VY0409SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0409SBS01

Quant Time: Apr 10 08:56:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	164462	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	298128	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	266943	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	124755	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	94724	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
35) Dibromofluoromethane	7.74	113	91681	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
50) Toluene-d8	10.19	98	379126	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
62) 4-Bromofluorobenzene	12.49	95	130468	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	31904	19.194	ug/l	98
3) Chloromethane	2.13	50	41893	20.026	ug/l	99
4) Vinyl Chloride	2.26	62	45021	20.220	ug/l	97
5) Bromomethane	2.66	94	27542	20.031	ug/l	94
6) Chloroethane	2.81	64	25751	20.053	ug/l	100
7) Trichlorofluoromethane	3.15	101	61243	21.298	ug/l	99
8) Diethyl Ether	3.55	74	25458	20.826	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.93	101	41015	20.998	ug/l	99
10) Methyl Iodide	4.11	142	44608	19.647	ug/l	99
11) Tert butyl alcohol	4.98	59	29661	137.121	ug/l	100
12) 1,1-Dichloroethene	3.90	96	41687	20.992	ug/l	99
13) Acrolein	3.75	56	23373	99.115	ug/l	100
14) Allyl chloride	4.50	41	71584	22.323	ug/l	98
15) Acrylonitrile	5.19	53	67633	108.190	ug/l	99
16) Acetone	3.97	43	53575	111.218	ug/l	99
17) Carbon Disulfide	4.22	76	137587	20.862	ug/l	99
18) Methyl Acetate	4.50	43	33991	22.749	ug/l	96
19) Methyl tert-butyl Ether	5.25	73	111584	21.373	ug/l	98
20) Methylene Chloride	4.74	84	49446	20.884	ug/l	96
21) trans-1,2-Dichloroethene	5.25	96	46403	20.818	ug/l	94
22) Diisopropyl ether	6.14	45	142198	22.034	ug/l	97
23) Vinyl Acetate	6.09	43	461846	112.302	ug/l	98
24) 1,1-Dichloroethane	6.05	63	77565	21.131	ug/l	98
25) 2-Butanone	7.02	43	86806	113.869	ug/l	97
26) 2,2-Dichloropropane	7.01	77	66692	21.720	ug/l	98
27) cis-1,2-Dichloroethene	7.02	96	51189	21.067	ug/l	97
28) Bromochloromethane	7.36	49	35330	22.296	ug/l	96
29) Tetrahydrofuran	7.37	42	54985	109.115	ug/l	98
30) Chloroform	7.53	83	74238	21.455	ug/l	99
31) Cyclohexane	7.80	56	81714	21.208	ug/l	# 94
32) 1,1,1-Trichloroethane	7.72	97	62268	21.621	ug/l	100
36) 1,1-Dichloropropene	7.94	75	62132	21.158	ug/l	100
37) Ethyl Acetate	7.10	43	38616	23.019	ug/l	98
38) Carbon Tetrachloride	7.92	117	53199	21.180	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	83690	20.951	ug/l	99
40) Benzene	8.18	78	186363	20.918	ug/l	96
41) Methacrylonitrile	7.34	41	19778m	19.985	ug/l	
42) 1,2-Dichloroethane	8.26	62	48329	21.898	ug/l	99
43) Isopropyl Acetate	8.29	43	67064	21.920	ug/l	100
44) Trichloroethene	8.96	130	53528	20.435	ug/l	94
45) 1,2-Dichloropropane	9.24	63	47328	21.410	ug/l	98
46) Dibromomethane	9.32	93	24487	21.186	ug/l	98
47) Bromodichloromethane	9.51	83	56914	21.460	ug/l	99
48) Methyl methacrylate	9.31	41	31728	23.128	ug/l	94
49) 1,4-Dioxane	9.31	88	7075	432.730	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	187039	117.320	ug/l	99
52) Toluene	10.25	92	114595	21.343	ug/l	98
53) t-1,3-Dichloropropene	10.48	75	62520	21.637	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	73605	21.188	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	36522	21.583	ug/l	97
56) Ethyl methacrylate	10.52	69	53475	22.141	ug/l	100
57) 1,3-Dichloropropane	10.80	76	64710	21.756	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.80	63	135180	108.086	ug/l	98
59) 2-Hexanone	10.85	43	124801	112.793	ug/l	97
60) Dibromochloromethane	11.00	129	38586	21.385	ug/l	99
61) 1,2-Dibromoethane	11.10	107	34081	21.156	ug/l	100
64) Tetrachloroethene	10.73	164	56958	21.104	ug/l	96
65) Chlorobenzene	11.53	112	116639	21.020	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	38707	21.128	ug/l	98
67) Ethyl Benzene	11.60	91	215329	21.197	ug/l	99
68) m/p-Xylenes	11.71	106	160670	42.229	ug/l	98
69) o-Xylene	12.04	106	76760	21.489	ug/l	99
70) Styrene	12.05	104	130971	21.133	ug/l	100
71) Bromoform	12.22	173	21111	21.190	ug/l #	98
73) Isopropylbenzene	12.34	105	202431	20.654	ug/l	99
74) N-amyl acetate	12.16	43	61502	22.106	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.59	83	26170	22.070	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	29172m	20.137	ug/l	
77) Bromobenzene	12.62	156	44413	20.597	ug/l	96
78) n-propylbenzene	12.68	91	253922	20.831	ug/l	99
79) 2-Chlorotoluene	12.77	91	139868	21.114	ug/l	98
80) 1,3,5-Trimethylbenzene	12.82	105	169073	20.859	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	16196	21.745	ug/l	95
82) 4-Chlorotoluene	12.86	91	144943	20.876	ug/l	99
83) tert-Butylbenzene	13.08	119	140599	20.708	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	169959	20.998	ug/l	98
85) sec-Butylbenzene	13.27	105	213596	21.119	ug/l	99
86) p-Isopropyltoluene	13.38	119	182438	20.958	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	87252	20.879	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	87220	20.561	ug/l	99
89) n-Butylbenzene	13.70	91	188547	21.131	ug/l	98
90) Hexachloroethane	13.97	117	33467	20.176	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	79001	20.805	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.37	75	6164	21.493	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	49726	20.035	ug/l	99
94) Hexachlorobutadiene	15.12	225	25810	20.646	ug/l	98
95) Naphthalene	15.25	128	113116	20.815	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	44009	20.420	ug/l	98

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

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