

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120319\
 Data File : VY000834.D
 Acq On : 03 Dec 2019 11:37
 Operator : SY/MD
 Sample : VY1203SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1203SBS01

Manual Integrations
 APPROVED

MMDadoda
 12/4/2019 2:06:17 PM

Quant Time: Dec 03 12:10:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	337765	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	581342	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	517434	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	238722	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	185034	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
35) Dibromofluoromethane	7.72	113	175765	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	
50) Toluene-d8	10.18	98	735619	54.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.62%	
62) 4-Bromofluorobenzene	12.48	95	250518	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	69649	19.156	ug/l	96
3) Chloromethane	2.12	50	94254	21.030	ug/l	97
4) Vinyl Chloride	2.25	62	87083	19.715	ug/l	96
5) Bromomethane	2.64	94	53761	18.668	ug/l	94
6) Chloroethane	2.79	64	53898	19.902	ug/l	94
7) Trichlorofluoromethane	3.13	101	125508	20.733	ug/l	95
8) Diethyl Ether	3.53	74	46754	20.521	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	77823	20.818	ug/l	98
10) Methyl Iodide	4.09	142	95274	20.242	ug/l	100
11) Tert butyl alcohol	4.96	59	34596	95.811	ug/l #	86
12) 1,1-Dichloroethene	3.87	96	75756	20.456	ug/l	98
13) Acrolein	3.74	56	38069	107.028	ug/l	99
14) Allyl chloride	4.48	41	128908	20.300	ug/l	98
15) Acrylonitrile	5.18	53	119538	101.605	ug/l	100
16) Acetone	3.95	43	89305	108.469	ug/l	98
17) Carbon Disulfide	4.19	76	242615	20.255	ug/l	99
18) Methyl Acetate	4.48	43	69223	20.108	ug/l	96
19) Methyl tert-butyl Ether	5.22	73	202053	20.429	ug/l	98
20) Methylene Chloride	4.72	84	92769	21.376	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	87389	20.761	ug/l	97
22) Diisopropyl ether	6.13	45	265238	20.323	ug/l	96
23) Vinyl Acetate	6.07	43	820337	103.390	ug/l	99
24) 1,1-Dichloroethane	6.03	63	145286	20.197	ug/l	98
25) 2-Butanone	7.00	43	148842	97.865	ug/l	94
26) 2,2-Dichloropropane	6.99	77	119797	19.787	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	96032	21.105	ug/l	96
28) Bromochloromethane	7.34	49	34580	14.598	ug/l	96
29) Tetrahydrofuran	7.36	42	104052	103.244	ug/l	99
30) Chloroform	7.52	83	139764	19.368	ug/l	98
31) Cyclohexane	7.78	56	150224	19.714	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	120711	20.258	ug/l	98
36) 1,1-Dichloropropene	7.92	75	118079	20.428	ug/l	97
37) Ethyl Acetate	7.08	43	65432	19.604	ug/l	98
38) Carbon Tetrachloride	7.91	117	104708	20.341	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	151834	19.826	ug/l	98
40) Benzene	8.17	78	346233	20.564	ug/l	97
41) Methacrylonitrile	7.32	41	38719m	22.011	ug/l	
42) 1,2-Dichloroethane	8.24	62	89915	20.306	ug/l	99
43) Isopropyl Acetate	8.28	43	123821	19.686	ug/l	99
44) Trichloroethene	8.94	130	91440	21.132	ug/l	93
45) 1,2-Dichloropropane	9.22	63	87876	20.779	ug/l	95
46) Dibromomethane	9.31	93	44525	20.150	ug/l	98
47) Bromodichloromethane	9.50	83	104991	20.226	ug/l	98
48) Methyl methacrylate	9.30	41	53428	19.318	ug/l	93
49) 1,4-Dioxane	9.30	88	13347	426.289	ug/l #	96
51) 4-Methyl-2-Pentanone	10.07	43	328260	101.012	ug/l	99
52) Toluene	10.24	92	214739	20.599	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	116142	20.825	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	135489	20.554	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	67259	20.602	ug/l	99
56) Ethyl methacrylate	10.51	69	94767	20.292	ug/l	98
57) 1,3-Dichloropropane	10.79	76	118867	20.891	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	203763	108.206	ug/l	99
59) 2-Hexanone	10.83	43	231726	97.857	ug/l	98
60) Dibromochloromethane	10.99	129	70467	20.051	ug/l	99
61) 1,2-Dibromoethane	11.09	107	61835	20.097	ug/l	99
64) Tetrachloroethene	10.72	164	94708	21.067	ug/l	97
65) Chlorobenzene	11.52	112	218048	20.273	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	73146	20.180	ug/l	98
67) Ethyl Benzene	11.59	91	413668	20.651	ug/l	100
68) m/p-Xylenes	11.70	106	301751	40.134	ug/l	99
69) o-Xylene	12.03	106	146025	20.830	ug/l	98
70) Styrene	12.04	104	245997	20.493	ug/l	100
71) Bromoform	12.20	173	40425	19.774	ug/l #	98
73) Isopropylbenzene	12.33	105	385211	20.266	ug/l	100
74) N-amyl acetate	12.14	43	104785	19.806	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	72552	19.372	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	57810m	21.374	ug/l	
77) Bromobenzene	12.61	156	82918	20.125	ug/l	97
78) n-propylbenzene	12.67	91	466287	20.091	ug/l	99
79) 2-Chlorotoluene	12.75	91	256916	20.038	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	319539	20.304	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	27613	20.054	ug/l	96
82) 4-Chlorotoluene	12.85	91	272790	20.651	ug/l	99
83) tert-Butylbenzene	13.08	119	266663	20.154	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	319188	20.272	ug/l	98
85) sec-Butylbenzene	13.25	105	394563	20.504	ug/l	99
86) p-Isopropyltoluene	13.37	119	345096	20.618	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	163547	20.235	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	163216	20.394	ug/l	97
89) n-Butylbenzene	13.70	91	345423	20.412	ug/l	100
90) Hexachloroethane	13.96	117	61294	19.880	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	149789	20.603	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	13133	20.946	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	102411	20.817	ug/l	100
94) Hexachlorobutadiene	15.11	225	52711	21.611	ug/l	99
95) Naphthalene	15.23	128	237238	20.768	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	88470	20.133	ug/l	98

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

