

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110119\
 Data File : VY000519.D
 Acq On : 01 Nov 2019 12:04
 Operator : SY/MD
 Sample : VY1101SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1101SBS01

Manual Integrations
 APPROVED

Quant Time: Nov 04 04:35:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	237399	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	388660	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	346119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	172503	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	138203	56.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.50%	
35) Dibromofluoromethane	7.73	113	119666	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	
50) Toluene-d8	10.18	98	492268	56.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.72%	
62) 4-Bromofluorobenzene	12.48	95	166559	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	

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Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	44333	18.971	ug/l	97
3) Chloromethane	2.11	50	64512	20.039	ug/l	98
4) Vinyl Chloride	2.25	62	58559	19.588	ug/l	98
5) Bromomethane	2.65	94	37735	21.049	ug/l	91
6) Chloroethane	2.79	64	40754	21.782	ug/l	96
7) Trichlorofluoromethane	3.13	101	84303	20.881	ug/l	97
8) Diethyl Ether	3.54	74	29753	20.741	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	49161	20.141	ug/l	99
10) Methyl Iodide	4.10	142	55831	19.465	ug/l	99
11) Tert butyl alcohol	5.00	59	21062	88.070	ug/l #	72
12) 1,1-Dichloroethene	3.88	96	48151	20.305	ug/l	97
13) Acrolein	3.74	56	19689	94.516	ug/l	100
14) Allyl chloride	4.49	41	79277	20.560	ug/l	99
15) Acrylonitrile	5.18	53	71401	97.162	ug/l	99
16) Acetone	3.97	43	52231	77.138	ug/l	99
17) Carbon Disulfide	4.19	76	150105	20.069	ug/l	100
18) Methyl Acetate	4.49	43	36905	17.529	ug/l	96
19) Methyl tert-butyl Ether	5.23	73	131066	19.879	ug/l	98
20) Methylene Chloride	4.72	84	59817	20.617	ug/l	94
21) trans-1,2-Dichloroethene	5.23	96	53858	20.090	ug/l	97
22) Diisopropyl ether	6.13	45	167043	19.931	ug/l	98
23) Vinyl Acetate	6.07	43	542428	102.527	ug/l	100
24) 1,1-Dichloroethane	6.02	63	91630	20.181	ug/l	99
25) 2-Butanone	7.00	43	94716	87.649	ug/l #	89
26) 2,2-Dichloropropane	6.99	77	82215	19.814	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	59351	20.246	ug/l	99
28) Bromochloromethane	7.35	49	24086	14.772	ug/l	96
29) Tetrahydrofuran	7.36	42	61784	93.458	ug/l	97
30) Chloroform	7.52	83	93845	20.432	ug/l	100
31) Cyclohexane	7.79	56	94747	19.924	ug/l	91
32) 1,1,1-Trichloroethane	7.71	97	83367	20.366	ug/l	99
36) 1,1-Dichloropropene	7.92	75	76218	20.744	ug/l	98
37) Ethyl Acetate	7.09	43	44381	20.345	ug/l	96
38) Carbon Tetrachloride	7.91	117	73996	20.930	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	95437	20.106	ug/l	95
40) Benzene	8.17	78	219683	20.394	ug/l	97
41) Methacrylonitrile	7.32	41	20995m	17.253	ug/l	
42) 1,2-Dichloroethane	8.25	62	64754	21.195	ug/l	99
43) Isopropyl Acetate	8.28	43	84386	20.593	ug/l	98
44) Trichloroethene	8.94	130	60665	21.360	ug/l	96
45) 1,2-Dichloropropane	9.22	63	54633	20.607	ug/l #	87
46) Dibromomethane	9.31	93	29759	20.410	ug/l	99
47) Bromodichloromethane	9.50	83	71005	20.524	ug/l	97
48) Methyl methacrylate	9.30	41	37966	21.205	ug/l	94
49) 1,4-Dioxane	9.33	88	8312m	423.583	ug/l	
51) 4-Methyl-2-Pentanone	10.08	43	218832	100.443	ug/l	100
52) Toluene	10.25	92	138551	20.344	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	74752	20.222	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	85886	20.281	ug/l	95
55) 1,1,2-Trichloroethane	10.64	97	43366	20.563	ug/l	96
56) Ethyl methacrylate	10.51	69	61393	20.540	ug/l	99
57) 1,3-Dichloropropane	10.79	76	74804	20.267	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	136991	101.378	ug/l	100
59) 2-Hexanone	10.83	43	153749	96.858	ug/l	99
60) Dibromochloromethane	10.99	129	49491	20.488	ug/l	98
61) 1,2-Dibromoethane	11.09	107	41286	20.361	ug/l	96
64) Tetrachloroethene	10.72	164	61231	21.395	ug/l	96
65) Chlorobenzene	11.52	112	146920	20.936	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	50530	20.762	ug/l	100
67) Ethyl Benzene	11.60	91	272475	21.097	ug/l	100
68) m/p-Xylenes	11.70	106	206301	41.271	ug/l	98
69) o-Xylene	12.03	106	97805	20.819	ug/l	94
70) Styrene	12.05	104	163470	20.321	ug/l	99
71) Bromoform	12.20	173	28844	20.605	ug/l #	99
73) Isopropylbenzene	12.33	105	260854	20.460	ug/l	99
74) N-amyl acetate	12.14	43	75205	20.596	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	51143	20.260	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	39212m	19.964	ug/l	
77) Bromobenzene	12.61	156	58832	20.349	ug/l	99
78) n-propylbenzene	12.67	91	314040	20.415	ug/l	99
79) 2-Chlorotoluene	12.76	91	173156	20.276	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	219908	20.710	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	17247	19.688	ug/l	98
82) 4-Chlorotoluene	12.85	91	181749	20.531	ug/l	100
83) tert-Butylbenzene	13.08	119	186853	20.610	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	221110	20.914	ug/l	98
85) sec-Butylbenzene	13.25	105	266605	20.640	ug/l	99
86) p-Isopropyltoluene	13.37	119	237302	20.613	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	114721	20.258	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	119193	21.064	ug/l	99
89) n-Butylbenzene	13.70	91	232408	20.468	ug/l	99
90) Hexachloroethane	13.96	117	42742	20.083	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	104712	20.380	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9330	20.884	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	72641	20.764	ug/l	98
94) Hexachlorobutadiene	15.11	225	39400	21.848	ug/l	98
95) Naphthalene	15.23	128	162701	20.950	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	67067	21.368	ug/l	99

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

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