

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112719\
 Data File : VY000817.D
 Acq On : 27 Nov 2019 14:33
 Operator : SY/MD
 Sample : VY1127SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1127SBS01

Manual Integrations
 APPROVED

MMDadoda
 12/2/2019 11:37:05 AM

Quant Time: Nov 29 05:33:46 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	340377	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	582198	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	517337	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	243997	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	186780	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
35) Dibromofluoromethane	7.72	113	173064	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
50) Toluene-d8	10.18	98	732963	54.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.06%	
62) 4-Bromofluorobenzene	12.48	95	253712	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	75247	20.537	ug/l	99
3) Chloromethane	2.11	50	91002	20.148	ug/l	93
4) Vinyl Chloride	2.25	62	88461	19.873	ug/l	94
5) Bromomethane	2.63	94	54557	18.807	ug/l	97
6) Chloroethane	2.79	64	52977	19.411	ug/l	91
7) Trichlorofluoromethane	3.12	101	120321	19.724	ug/l	98
8) Diethyl Ether	3.53	74	45506	19.820	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	76074	20.194	ug/l	99
10) Methyl Iodide	4.09	142	91724	19.339	ug/l	99
11) Tert butyl alcohol	4.96	59	38285	105.214	ug/l	98
12) 1,1-Dichloroethene	3.87	96	74408	19.937	ug/l	95
13) Acrolein	3.73	56	40779	113.767	ug/l	99
14) Allyl chloride	4.48	41	126593	19.783	ug/l	98
15) Acrylonitrile	5.17	53	123402	104.084	ug/l	98
16) Acetone	3.95	43	85052	102.511	ug/l	99
17) Carbon Disulfide	4.19	76	245459	20.336	ug/l	99
18) Methyl Acetate	4.49	43	65175	18.787	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	200837	20.150	ug/l	95
20) Methylene Chloride	4.72	84	89525	20.470	ug/l	96
21) trans-1,2-Dichloroethene	5.23	96	83564	19.700	ug/l	94
22) Diisopropyl ether	6.13	45	261529	19.885	ug/l	93
23) Vinyl Acetate	6.07	43	837325	104.721	ug/l	99
24) 1,1-Dichloroethane	6.03	63	142290	19.629	ug/l	98
25) 2-Butanone	6.99	43	158289	103.278	ug/l	99
26) 2,2-Dichloropropane	6.99	77	119576	19.599	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	90311	19.696	ug/l	98
28) Bromochloromethane	7.34	49	34386	14.431	ug/l	95
29) Tetrahydrofuran	7.36	42	106806	105.164	ug/l	97
30) Chloroform	7.52	83	143285	19.704	ug/l	96
31) Cyclohexane	7.79	56	152807	19.899	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	117559	19.577	ug/l	99
36) 1,1-Dichloropropene	7.93	75	114225	19.732	ug/l	98
37) Ethyl Acetate	7.08	43	70326	21.040	ug/l	99
38) Carbon Tetrachloride	7.91	117	100952	19.582	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	152592	19.896	ug/l	97
40) Benzene	8.17	78	339208	20.117	ug/l	99
41) Methacrylonitrile	7.33	41	38623m	21.924	ug/l	
42) 1,2-Dichloroethane	8.24	62	87605	19.755	ug/l	99
43) Isopropyl Acetate	8.28	43	126868	20.141	ug/l	99
44) Trichloroethene	8.94	130	85711	19.779	ug/l	95
45) 1,2-Dichloropropane	9.22	63	83962	19.824	ug/l	97
46) Dibromomethane	9.31	93	44197	19.972	ug/l	98
47) Bromodichloromethane	9.50	83	100792	19.388	ug/l	97
48) Methyl methacrylate	9.30	41	54674	19.739	ug/l	93
49) 1,4-Dioxane	9.30	88	13775	439.312	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	341344	104.883	ug/l	99
52) Toluene	10.24	92	208811	20.001	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	111059	19.885	ug/l	93
54) cis-1,3-Dichloropropene	9.93	75	132044	20.002	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	65613	20.068	ug/l	97
56) Ethyl methacrylate	10.51	69	96243	20.577	ug/l	97
57) 1,3-Dichloropropane	10.79	76	114261	20.052	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	193051	102.367	ug/l	100
59) 2-Hexanone	10.83	43	240609	101.459	ug/l	99
60) Dibromochloromethane	10.99	129	68342	19.417	ug/l	98
61) 1,2-Dibromoethane	11.09	107	63684	20.668	ug/l	95
64) Tetrachloroethene	10.72	164	89724	19.962	ug/l	97
65) Chlorobenzene	11.51	112	215400	20.030	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	72266	19.941	ug/l	99
67) Ethyl Benzene	11.59	91	404132	20.179	ug/l	100
68) m/p-Xylenes	11.70	106	302980	40.305	ug/l	100
69) o-Xylene	12.03	106	142470	20.327	ug/l	99
70) Styrene	12.04	104	237913	19.824	ug/l	100
71) Bromoform	12.20	173	40337	19.735	ug/l #	99
73) Isopropylbenzene	12.33	105	382255	19.676	ug/l	99
74) N-amyl acetate	12.14	43	109864	20.317	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	78727	20.566	ug/l	96
76) 1,2,3-Trichloropropane	12.63	75	53678m	19.417	ug/l	
77) Bromobenzene	12.61	156	81661	19.391	ug/l	95
78) n-propylbenzene	12.67	91	470035	19.815	ug/l	99
79) 2-Chlorotoluene	12.75	91	259828	19.827	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	319471	19.861	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	27731	19.704	ug/l	96
82) 4-Chlorotoluene	12.85	91	267008	19.776	ug/l	99
83) tert-Butylbenzene	13.07	119	265360	19.622	ug/l	97
84) 1,2,4-Trimethylbenzene	13.11	105	320713	19.928	ug/l	98
85) sec-Butylbenzene	13.25	105	392661	19.964	ug/l	100
86) p-Isopropyltoluene	13.36	119	341419	19.958	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	163897	19.839	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	164605	20.123	ug/l	98
89) n-Butylbenzene	13.69	91	347827	20.110	ug/l	99
90) Hexachloroethane	13.95	117	61526	19.524	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	151315	20.363	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.35	75	13439	20.970	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	104306	20.744	ug/l	99
94) Hexachlorobutadiene	15.11	225	51432	20.631	ug/l	98
95) Naphthalene	15.23	128	243131	20.824	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	92230	20.535	ug/l	99

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

