

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY123019\
 Data File : VY001120.D
 Acq On : 30 Dec 2019 13:11
 Operator : SY/MD
 Sample : VY1230SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1230SBS01

Manual Integrations
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apatel
 12/31/2019 11:48:06 AM

Quant Time: Dec 31 05:55:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	314973	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	550319	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	478512	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	225795	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	144205	46.42	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.84%	
35) Dibromofluoromethane	7.72	113	154639	47.72	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.44%	
50) Toluene-d8	10.18	98	627536	49.55	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.10%	
62) 4-Bromofluorobenzene	12.48	95	204295	44.12	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	88.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	52148	19.000	ug/l	94
3) Chloromethane	2.12	50	51048	13.666	ug/l	92
4) Vinyl Chloride	2.25	62	52804	14.556	ug/l	97
5) Bromomethane	2.63	94	36019	15.068	ug/l	91
6) Chloroethane	2.79	64	33680	14.907	ug/l #	88
7) Trichlorofluoromethane	3.12	101	98605	18.532	ug/l	99
8) Diethyl Ether	3.53	74	41944	19.312	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.90	101	66464	19.016	ug/l	95
10) Methyl Iodide	4.09	142	90857	18.815	ug/l	99
11) Tert butyl alcohol	4.96	59	31232	91.437	ug/l #	92
12) 1,1-Dichloroethene	3.87	96	69994	19.781	ug/l	97
13) Acrolein	3.74	56	35985	85.027	ug/l	99
14) Allyl chloride	4.49	41	90570	16.476	ug/l	96
15) Acrylonitrile	5.17	53	101752	93.740	ug/l	98
16) Acetone	3.95	43	70481	98.484	ug/l	94
17) Carbon Disulfide	4.19	76	215908	18.673	ug/l	99
18) Methyl Acetate	4.49	43	45835	16.694	ug/l	93
19) Methyl tert-butyl Ether	5.22	73	169434	18.552	ug/l	95
20) Methylene Chloride	4.72	84	90163	21.404	ug/l	89
21) trans-1,2-Dichloroethene	5.22	96	75641	19.289	ug/l	89
22) Diisopropyl ether	6.13	45	190607	17.155	ug/l	97
23) Vinyl Acetate	6.07	43	593383	84.564	ug/l	100
24) 1,1-Dichloroethane	6.02	63	118367	18.027	ug/l	99
25) 2-Butanone	6.99	43	113438	90.229	ug/l	94
26) 2,2-Dichloropropane	6.99	77	98486	18.257	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	83521	19.386	ug/l	93
28) Bromochloromethane	7.34	49	40782	15.919	ug/l	84
29) Tetrahydrofuran	7.35	42	76658	85.719	ug/l	94
30) Chloroform	7.52	83	113935	18.351	ug/l	97
31) Cyclohexane	7.78	56	122963	17.809	ug/l	92
32) 1,1,1-Trichloroethane	7.71	97	99176	18.726	ug/l	98
36) 1,1-Dichloropropene	7.93	75	97180	18.511	ug/l	98
37) Ethyl Acetate	7.08	43	47523	16.348	ug/l #	91
38) Carbon Tetrachloride	7.90	117	87338	18.987	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	131136	18.810	ug/l	98
40) Benzene	8.17	78	299235	18.893	ug/l	98
41) Methacrylonitrile	7.32	41	22809m	18.098	ug/l	
42) 1,2-Dichloroethane	8.24	62	69711	18.409	ug/l	98
43) Isopropyl Acetate	8.28	43	90855	16.883	ug/l #	94
44) Trichloroethene	8.94	130	81612	19.557	ug/l	97
45) 1,2-Dichloropropane	9.22	63	74079	18.644	ug/l	98
46) Dibromomethane	9.31	93	39135	19.107	ug/l	94
47) Bromodichloromethane	9.50	83	87578	18.459	ug/l	96
48) Methyl methacrylate	9.30	41	38813	16.902	ug/l	91
49) 1,4-Dioxane	9.30	88	12720	424.537	ug/l	88
51) 4-Methyl-2-Pentanone	10.07	43	241961	86.267	ug/l	97
52) Toluene	10.24	92	186980	19.180	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	94403	18.334	ug/l	95
54) cis-1,3-Dichloropropene	9.92	75	114431	18.482	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	60659	19.838	ug/l	96
56) Ethyl methacrylate	10.51	69	79235	18.207	ug/l	95
57) 1,3-Dichloropropane	10.79	76	99287	18.525	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	157164	93.502	ug/l	96
59) 2-Hexanone	10.83	43	160860	82.885	ug/l	95
60) Dibromochloromethane	10.99	129	60755	18.601	ug/l	96
61) 1,2-Dibromoethane	11.09	107	57963	19.823	ug/l	97
64) Tetrachloroethene	10.72	164	86641	20.926	ug/l	99
65) Chlorobenzene	11.51	112	198026	19.951	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	64960	19.832	ug/l	100
67) Ethyl Benzene	11.59	91	337087	18.881	ug/l	97
68) m/p-Xylenes	11.70	106	267187	39.415	ug/l	97
69) o-Xylene	12.02	106	127449	19.985	ug/l	96
70) Styrene	12.04	104	213198	19.661	ug/l	98
71) Bromoform	12.20	173	36998	20.285	ug/l #	97
73) Isopropylbenzene	12.33	105	329894	18.880	ug/l	99
74) N-amyl acetate	12.14	43	73808	16.079	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.58	83	63105	18.333	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	43673m	15.689	ug/l	
77) Bromobenzene	12.61	156	75061	19.101	ug/l	93
78) n-propylbenzene	12.67	91	402912	18.924	ug/l	98
79) 2-Chlorotoluene	12.75	91	211721	18.007	ug/l	96
80) 1,3,5-Trimethylbenzene	12.81	105	271166	18.933	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	23196	17.773	ug/l	97
82) 4-Chlorotoluene	12.85	91	224038	18.345	ug/l	99
83) tert-Butylbenzene	13.07	119	224731	18.692	ug/l	99
84) 1,2,4-Trimethylbenzene	13.11	105	269073	18.695	ug/l	99
85) sec-Butylbenzene	13.25	105	334896	18.895	ug/l	100
86) p-Isopropyltoluene	13.36	119	291766	19.024	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	147669	19.565	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	147192	19.332	ug/l	99
89) n-Butylbenzene	13.69	91	289695	18.774	ug/l	98
90) Hexachloroethane	13.95	117	54773	18.956	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	131635	18.907	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	9879	17.154	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	91436	19.457	ug/l	98
94) Hexachlorobutadiene	15.11	225	44308	19.814	ug/l	98
95) Naphthalene	15.23	128	213258	19.297	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	83398	19.900	ug/l	99

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

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