

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101719\
 Data File : VY000336.D
 Acq On : 17 Oct 2019 11:16
 Operator : SY/MD
 Sample : VY1017SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1017SBS01

Quant Time: Oct 17 18:07:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	289094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	483132	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	427851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	207223	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	162628	53.33	ug/l	0.00
Spiked Amount			Recovery	=	106.66%	
35) Dibromofluoromethane	7.73	113	147842	50.73	ug/l	0.00
Spiked Amount			Recovery	=	101.46%	
50) Toluene-d8	10.19	98	586776	52.34	ug/l	0.00
Spiked Amount			Recovery	=	104.68%	
62) 4-Bromofluorobenzene	12.49	95	210924	49.52	ug/l	0.00
Spiked Amount			Recovery	=	99.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	57686	22.899	ug/l	95
3) Chloromethane	2.12	50	73278	20.743	ug/l	97
4) Vinyl Chloride	2.26	62	76863	21.559	ug/l	94
5) Bromomethane	2.64	94	56705	21.461	ug/l	95
6) Chloroethane	2.79	64	48409	21.044	ug/l	97
7) Trichlorofluoromethane	3.13	101	106301	21.797	ug/l	94
8) Diethyl Ether	3.54	74	40483	23.498	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.90	101	62025	20.972	ug/l	99
10) Methyl Iodide	4.10	142	75964	18.791	ug/l	99
11) Tert butyl alcohol	4.98	59	17297m	54.200	ug/l	
12) 1,1-Dichloroethene	3.88	96	62858	21.528	ug/l	90
13) Acrolein	3.74	56	37142	99.271	ug/l	97
14) Allyl chloride	4.49	41	104784	21.656	ug/l	99
15) Acrylonitrile	5.18	53	102503	106.298	ug/l	95
16) Acetone	3.96	43	85838	86.920	ug/l	98
17) Carbon Disulfide	4.20	76	189187	20.579	ug/l	99
18) Methyl Acetate	4.49	43	52693	21.475	ug/l	94
19) Methyl tert-butyl Ether	5.23	73	179292	22.059	ug/l	94
20) Methylene Chloride	4.72	84	71046	17.857	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	69571	20.768	ug/l	92
22) Diisopropyl ether	6.13	45	222032	21.696	ug/l	95
23) Vinyl Acetate	6.07	43	720314	107.890	ug/l	99
24) 1,1-Dichloroethane	6.03	63	120294	21.535	ug/l	100
25) 2-Butanone	7.00	43	144471	103.850	ug/l	100
26) 2,2-Dichloropropane	6.99	77	110946	21.554	ug/l	97
27) cis-1,2-Dichloroethene	7.00	96	78088	21.543	ug/l	98
28) Bromochloromethane	7.35	49	48626	20.278	ug/l	97
29) Tetrahydrofuran	7.36	42	89943	106.682	ug/l	99
30) Chloroform	7.52	83	120134	21.355	ug/l	97
31) Cyclohexane	7.80	56	122803	21.049	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	105039	21.003	ug/l	100
36) 1,1-Dichloropropene	7.93	75	95190	20.124	ug/l	99
37) Ethyl Acetate	7.08	43	58673	20.948	ug/l	99
38) Carbon Tetrachloride	7.91	117	92862	20.276	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	130612	21.097	ug/l	96
40) Benzene	8.17	78	281278	20.577	ug/l	98
41) Methacrylonitrile	7.33	41	29874m	22.408	ug/l	
42) 1,2-Dichloroethane	8.25	62	80185	20.535	ug/l	99
43) Isopropyl Acetate	8.28	43	111779	20.989	ug/l	97
44) Trichloroethene	8.95	130	77221	20.133	ug/l	97
45) 1,2-Dichloropropane	9.22	63	70831	21.115	ug/l	97
46) Dibromomethane	9.32	93	38194	20.367	ug/l	99
47) Bromodichloromethane	9.50	83	93256	21.101	ug/l	94
48) Methyl methacrylate	9.30	41	49855	21.361	ug/l	98
49) 1,4-Dioxane	9.31	88	10395	369.700	ug/l	89
51) 4-Methyl-2-Pentanone	10.08	43	295554	107.600	ug/l	98
52) Toluene	10.25	92	179385	20.669	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	101059	21.337	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	113628	21.125	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	57432	21.064	ug/l	94
56) Ethyl methacrylate	10.52	69	83421	21.465	ug/l	98
57) 1,3-Dichloropropane	10.80	76	100124	21.382	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	202396	130.566	ug/l	99
59) 2-Hexanone	10.84	43	216460	112.272	ug/l	98
60) Dibromochloromethane	10.99	129	63742	21.092	ug/l	97
61) 1,2-Dibromoethane	11.10	107	55725	21.286	ug/l	99
64) Tetrachloroethene	10.72	164	86070	21.131	ug/l	98
65) Chlorobenzene	11.52	112	184683	20.453	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.60	131	66716	21.033	ug/l	97
67) Ethyl Benzene	11.60	91	350096	20.915	ug/l	100
68) m/p-Xylenes	11.71	106	265403	41.476	ug/l	98
69) o-Xylene	12.03	106	124880	20.457	ug/l	99
70) Styrene	12.05	104	213148	20.704	ug/l	100
71) Bromoform	12.21	173	38723	21.237	ug/l #	99
73) Isopropylbenzene	12.33	105	335249	20.748	ug/l	98
74) N-amyl acetate	12.14	43	96969	24.446	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	64886	21.388	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	56943m	22.347	ug/l	
77) Bromobenzene	12.61	156	77516	21.559	ug/l	97
78) n-propylbenzene	12.67	91	406637	20.961	ug/l	99
79) 2-Chlorotoluene	12.76	91	228579	21.335	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	286621	21.155	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	24135	20.724	ug/l	98
82) 4-Chlorotoluene	12.86	91	239524	21.150	ug/l	99
83) tert-Butylbenzene	13.08	119	242451	21.131	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	282203	21.104	ug/l	99
85) sec-Butylbenzene	13.25	105	351624	21.185	ug/l	99
86) p-Isopropyltoluene	13.38	119	314773	21.753	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	150188	21.201	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	148369	20.954	ug/l	99
89) n-Butylbenzene	13.70	91	304340	21.283	ug/l	99
90) Hexachloroethane	13.96	117	58408	21.798	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	139542	21.766	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	12994	22.584	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	95995	21.506	ug/l	99
94) Hexachlorobutadiene	15.11	225	50675	20.979	ug/l	97
95) Naphthalene	15.24	128	220950	22.181	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	85976	21.372	ug/l	98

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

