

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101819\
 Data File : VY000345.D
 Acq On : 18 Oct 2019 12:19
 Operator : SY/MD
 Sample : VY1018SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1018SBS01

Quant Time: Oct 19 01:10:29 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	281258	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	464981	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	422172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	206098	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	166880	56.25	ug/l	0.00
Spiked Amount			Recovery	=	112.50%	
35) Dibromofluoromethane	7.73	113	150305	53.59	ug/l	0.00
Spiked Amount			Recovery	=	107.18%	
50) Toluene-d8	10.19	98	600842	55.69	ug/l	0.00
Spiked Amount			Recovery	=	111.38%	
62) 4-Bromofluorobenzene	12.49	95	217473	53.06	ug/l	0.00
Spiked Amount			Recovery	=	106.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	56607	23.138	ug/l	98
3) Chloromethane	2.12	50	74134	21.570	ug/l	98
4) Vinyl Chloride	2.26	62	74224	21.399	ug/l	93
5) Bromomethane	2.64	94	54802	21.319	ug/l	96
6) Chloroethane	2.79	64	48828	21.818	ug/l	98
7) Trichlorofluoromethane	3.13	101	105780	22.295	ug/l	98
8) Diethyl Ether	3.54	74	36535	21.797	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.91	101	64360	22.367	ug/l	97
10) Methyl Iodide	4.10	142	81872	20.688	ug/l	99
11) Tert butyl alcohol	4.97	59	32303	104.042	ug/l	99
12) 1,1-Dichloroethene	3.88	96	62757	22.093	ug/l	96
13) Acrolein	3.74	56	32011	87.941	ug/l	97
14) Allyl chloride	4.49	41	106848	22.698	ug/l	95
15) Acrylonitrile	5.18	53	102272	109.013	ug/l	95
16) Acetone	3.96	43	86209	89.728	ug/l	98
17) Carbon Disulfide	4.20	76	191297	21.389	ug/l	97
18) Methyl Acetate	4.49	43	52452	21.972	ug/l	96
19) Methyl tert-butyl Ether	5.23	73	180369	22.809	ug/l	97
20) Methylene Chloride	4.72	84	76979	20.581	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	69190	21.230	ug/l	94
22) Diisopropyl ether	6.13	45	226627	22.762	ug/l	96
23) Vinyl Acetate	6.08	43	727055	111.934	ug/l	97
24) 1,1-Dichloroethane	6.03	63	122546	22.549	ug/l	97
25) 2-Butanone	7.00	43	143259	105.848	ug/l	98
26) 2,2-Dichloropropane	7.00	77	108748	21.716	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	79239	22.469	ug/l	98
28) Bromochloromethane	7.35	49	47320	20.283	ug/l	97
29) Tetrahydrofuran	7.36	42	91179	111.162	ug/l	98
30) Chloroform	7.52	83	121331	22.169	ug/l	97
31) Cyclohexane	7.80	56	120394	21.211	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	106457	21.879	ug/l	98
36) 1,1-Dichloropropene	7.93	75	97316	21.377	ug/l	97
37) Ethyl Acetate	7.09	43	59112	21.929	ug/l	98
38) Carbon Tetrachloride	7.91	117	94631	21.469	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	127695	21.431	ug/l	95
40) Benzene	8.17	78	281891	21.427	ug/l	100
41) Methacrylonitrile	7.33	41	32837m	25.592	ug/l	
42) 1,2-Dichloroethane	8.25	62	82616	21.984	ug/l	99
43) Isopropyl Acetate	8.28	43	114130	22.267	ug/l	99
44) Trichloroethene	8.95	130	78228	21.192	ug/l	95
45) 1,2-Dichloropropane	9.22	63	73037	22.622	ug/l	92
46) Dibromomethane	9.32	93	38471	21.316	ug/l	99
47) Bromodichloromethane	9.50	83	93401	21.959	ug/l	99
48) Methyl methacrylate	9.30	41	48516	21.599	ug/l	98
49) 1,4-Dioxane	9.31	88	10743	396.992	ug/l	92
51) 4-Methyl-2-Pentanone	10.08	43	298916	113.073	ug/l	99
52) Toluene	10.25	92	180693	21.633	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	102163	22.412	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	114689	22.155	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	57706	21.990	ug/l	96
56) Ethyl methacrylate	10.52	69	84721	22.651	ug/l	100
57) 1,3-Dichloropropane	10.80	76	100926	22.395	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	196247	131.541	ug/l	98
59) 2-Hexanone	10.84	43	215239	115.997	ug/l	99
60) Dibromochloromethane	10.99	129	64378	22.134	ug/l	100
61) 1,2-Dibromoethane	11.10	107	53808	21.356	ug/l	98
64) Tetrachloroethene	10.72	164	82640	20.562	ug/l	97
65) Chlorobenzene	11.52	112	190972	21.434	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	67396	21.534	ug/l	99
67) Ethyl Benzene	11.60	91	354029	21.435	ug/l	99
68) m/p-Xylenes	11.70	106	266583	42.221	ug/l	98
69) o-Xylene	12.03	106	127461	21.161	ug/l	99
70) Styrene	12.05	104	213699	21.037	ug/l	99
71) Bromoform	12.21	173	37883	21.055	ug/l #	99
73) Isopropylbenzene	12.33	105	341526	21.252	ug/l	99
74) N-amyl acetate	12.14	43	97616	24.743	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	66804	22.141	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	56512m	22.299	ug/l	
77) Bromobenzene	12.61	156	75287	21.054	ug/l	98
78) n-propylbenzene	12.67	91	410101	21.255	ug/l	99
79) 2-Chlorotoluene	12.76	91	230950	21.674	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	288020	21.374	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	24736	21.356	ug/l	99
82) 4-Chlorotoluene	12.86	91	242332	21.515	ug/l	99
83) tert-Butylbenzene	13.08	119	240508	21.076	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	289785	21.789	ug/l	100
85) sec-Butylbenzene	13.25	105	351856	21.314	ug/l	100
86) p-Isopropyltoluene	13.37	119	312354	21.703	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	150284	21.330	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	153978	21.865	ug/l	99
89) n-Butylbenzene	13.70	91	305420	21.475	ug/l	100
90) Hexachloroethane	13.96	117	56653	21.258	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	139449	21.870	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	12629	22.069	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	95809	21.582	ug/l	100
94) Hexachlorobutadiene	15.11	225	51005	21.230	ug/l	98
95) Naphthalene	15.23	128	214532	21.655	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	86756	21.684	ug/l	100

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

