

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072020\
 Data File : VY003231.D
 Acq On : 20 Jul 2020 15:03
 Operator : SY/MD
 Sample : VY0720SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0720SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/21/2020 4:58:53 PM

Quant Time: Jul 21 04:29:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	396081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	588681	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	542150	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	291087	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	184030	55.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.10%	
35) Dibromofluoromethane	7.72	113	168444	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
50) Toluene-d8	10.18	98	619904	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
62) 4-Bromofluorobenzene	12.48	95	226398	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.91	85	67409	23.745	ug/l	100
3) Chloromethane	2.12	50	92095	23.388	ug/l	97
4) Vinyl Chloride	2.26	62	89441	22.138	ug/l	100
5) Bromomethane	2.64	94	68000	22.660	ug/l	99
6) Chloroethane	2.79	64	56794	21.403	ug/l	91
7) Trichlorofluoromethane	3.13	101	125975	21.834	ug/l	99
8) Diethyl Ether	3.54	74	42895	22.186	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	3.90	101	74011	21.239	ug/l	98
10) Methyl Iodide	4.10	142	69742	18.422	ug/l	97
11) Tert butyl alcohol	4.96	59	43971	121.638	ug/l	98
12) 1,1-Dichloroethene	3.88	96	68215	20.697	ug/l	91
13) Acrolein	3.73	56	31250	99.597	ug/l	99
14) Allyl chloride	4.49	41	121981	24.942	ug/l	94
15) Acrylonitrile	5.17	53	113983	122.730	ug/l	98
16) Acetone	3.96	43	96776	129.598	ug/l	98
17) Carbon Disulfide	4.19	76	218772	21.631	ug/l	98
18) Methyl Acetate	4.48	43	52493	25.313	ug/l	93
19) Methyl tert-butyl Ether	5.22	73	203483	22.030	ug/l	99
20) Methylene Chloride	4.72	84	99408	23.552	ug/l	94
21) trans-1,2-Dichloroethene	5.22	96	77585	20.812	ug/l	90
22) Diisopropyl ether	6.13	45	266829	24.583	ug/l	94
23) Vinyl Acetate	6.07	43	886365	122.519	ug/l	98
24) 1,1-Dichloroethane	6.03	63	142452	22.654	ug/l	99
25) 2-Butanone	6.99	43	156063	127.286	ug/l	95
26) 2,2-Dichloropropane	6.99	77	125358	22.136	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	86051	20.965	ug/l	93
28) Bromochloromethane	7.34	49	70834	26.018	ug/l	90
29) Tetrahydrofuran	7.35	42	105950	128.633	ug/l	92
30) Chloroform	7.51	83	142881	22.061	ug/l	99
31) Cyclohexane	7.79	56	137138	22.553	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	124827	21.409	ug/l	99
36) 1,1-Dichloropropene	7.92	75	113557	21.284	ug/l	98
37) Ethyl Acetate	7.08	43	70964	24.698	ug/l	99
38) Carbon Tetrachloride	7.90	117	113412	20.590	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072020\
 Data File : VY003231.D
 Acq On : 20 Jul 2020 15:03
 Operator : SY/MD
 Sample : VY0720SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0720SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/21/2020 4:58:53 PM

Quant Time: Jul 21 04:29:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	136411	20.352	ug/l	96
40) Benzene	8.16	78	310316	21.123	ug/l	99
41) Methacrylonitrile	7.32	41	37420m	21.624	ug/l	
42) 1,2-Dichloroethane	8.24	62	98532	21.786	ug/l	99
43) Isopropyl Acetate	8.28	43	131250	23.599	ug/l	97
44) Trichloroethene	8.94	130	87567	19.444	ug/l	100
45) 1,2-Dichloropropane	9.22	63	83090	21.858	ug/l	96
46) Dibromomethane	9.31	93	46816	21.086	ug/l	98
47) Bromodichloromethane	9.50	83	113980	21.585	ug/l	98
48) Methyl methacrylate	9.30	41	59917	24.098	ug/l	91
49) 1,4-Dioxane	9.30	88	12450	441.829	ug/l #	87
51) 4-Methyl-2-Pentanone	10.07	43	346794	119.967	ug/l	96
52) Toluene	10.24	92	193537	20.611	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	119263	21.799	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	134095	21.273	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	66416	21.110	ug/l	95
56) Ethyl methacrylate	10.51	69	93852	21.942	ug/l	94
57) 1,3-Dichloropropane	10.79	76	115335	21.621	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	256534	117.600	ug/l	97
59) 2-Hexanone	10.83	43	242035	119.941	ug/l	96
60) Dibromochloromethane	10.99	129	83578	21.121	ug/l	99
61) 1,2-Dibromoethane	11.09	107	63567	20.472	ug/l	99
64) Tetrachloroethene	10.72	164	89456	18.506	ug/l	99
65) Chlorobenzene	11.52	112	213101	20.404	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.59	131	83500	20.584	ug/l	98
67) Ethyl Benzene	11.59	91	382253	20.498	ug/l	98
68) m/p-Xylenes	11.70	106	289011	40.846	ug/l	99
69) o-Xylene	12.03	106	134356	20.326	ug/l	96
70) Styrene	12.04	104	231035	20.431	ug/l	98
71) Bromoform	12.20	173	55686	20.916	ug/l #	99
73) Isopropylbenzene	12.33	105	374194	20.172	ug/l	100
74) N-amyl acetate	12.14	43	122173	23.473	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	79413	22.166	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	55316m	21.468	ug/l	
77) Bromobenzene	12.61	156	95664	20.232	ug/l	97
78) n-propylbenzene	12.67	91	450950	20.623	ug/l	99
79) 2-Chlorotoluene	12.75	91	252003	20.656	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	314702	20.355	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	29809	22.516	ug/l #	83
82) 4-Chlorotoluene	12.85	91	260882	20.488	ug/l	100
83) tert-Butylbenzene	13.07	119	277329	20.329	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	318707	20.488	ug/l	99
85) sec-Butylbenzene	13.25	105	388971	20.745	ug/l	99
86) p-Isopropyltoluene	13.37	119	352787	20.151	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	179425	20.066	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	180144	20.349	ug/l	98
89) n-Butylbenzene	13.69	91	340303	20.665	ug/l	99
90) Hexachloroethane	13.96	117	67434	21.151	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	160974	20.514	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	13066	22.495	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072020\
Data File : VY003231.D
Acq On : 20 Jul 2020 15:03
Operator : SY/MD
Sample : VY0720SBSD01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBSD01

Manual Integrations
APPROVED

MMDadoda
7/21/2020 4:58:53 PM

Quant Time: Jul 21 04:29:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 13:18:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	116590	20.885	ug/l	99
94) Hexachlorobutadiene	15.11	225	79377	20.751	ug/l	98
95) Naphthalene	15.23	128	197124	21.367	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	93785	21.253	ug/l	98

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

