

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103123\
 Data File : VY016150.D
 Acq On : 31 Oct 2023 16:51
 Operator : SY/MD
 Sample : VY1031SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1031SBS01

Quant Time: Nov 01 03:37:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/01/2023
 Supervised By : Mahesh Dadoda 11/01/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	181415	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	289500	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	251911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	118992	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	84406	49.722	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.440%		
35) Dibromofluoromethane	7.722	113	80874	46.859	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.720%		
50) Toluene-d8	10.185	98	333389	48.720	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.440%		
62) 4-Bromofluorobenzene	12.489	95	108864	46.525	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	93.040%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	22159	19.148	ug/l	99
3) Chloromethane	2.113	50	31368	19.578	ug/l	99
4) Vinyl Chloride	2.247	62	31476	19.034	ug/l	94
5) Bromomethane	2.643	94	22030	19.740	ug/l	94
6) Chloroethane	2.790	64	23056	19.804	ug/l	95
7) Trichlorofluoromethane	3.125	101	48945	19.605	ug/l	96
8) Diethyl Ether	3.521	74	17373	20.996	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.893	101	31881	20.271	ug/l	95
10) Methyl Iodide	4.088	142	32437	18.547	ug/l	100
11) Tert butyl alcohol	4.948	59	13669	107.772	ug/l	100
12) 1,1-Dichloroethene	3.869	96	28644	19.954	ug/l	92
13) Acrolein	3.723	56	14115	116.640	ug/l	95
14) Allyl chloride	4.485	41	40824	19.882	ug/l #	94
15) Acrylonitrile	5.161	53	37791	106.882	ug/l	96
16) Acetone	3.948	43	31016	103.258	ug/l	95
17) Carbon Disulfide	4.192	76	68931	19.234	ug/l	97
18) Methyl Acetate	4.479	43	28258	20.699	ug/l	92
19) Methyl tert-butyl Ether	5.222	73	84000	20.572	ug/l	99
20) Methylene Chloride	4.716	84	39958	21.401	ug/l	92
21) trans-1,2-Dichloroethene	5.222	96	33217	19.865	ug/l	95
22) Diisopropyl ether	6.118	45	102125	20.563	ug/l	90
23) Vinyl Acetate	6.064	43	249429	102.293	ug/l #	94
24) 1,1-Dichloroethane	6.027	63	60292	20.285	ug/l	99
25) 2-Butanone	6.990	43	48373	103.286	ug/l	94
26) 2,2-Dichloropropane	6.984	77	55344	19.697	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	40186	20.422	ug/l	93
28) Bromochloromethane	7.338	49	22570	20.292	ug/l	88
29) Tetrahydrofuran	7.350	42	30741	104.710	ug/l	90
30) Chloroform	7.508	83	66361	20.507	ug/l	98
31) Cyclohexane	7.789	56	50984	19.538	ug/l #	85
32) 1,1,1-Trichloroethane	7.710	97	58571	19.736	ug/l	98
36) 1,1-Dichloropropene	7.923	75	47900	19.220	ug/l	97
37) Ethyl Acetate	7.082	43	22265	20.058	ug/l	96
38) Carbon Tetrachloride	7.905	117	48704	19.726	ug/l	96
39) Methylcyclohexane	9.191	83	58193	19.562	ug/l	93
40) Benzene	8.167	78	140935	19.698	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103123\
 Data File : VY016150.D
 Acq On : 31 Oct 2023 16:51
 Operator : SY/MD
 Sample : VY1031SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1031SBS01

Quant Time: Nov 01 03:37:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/01/2023
 Supervised By : Mahesh Dadoda 11/01/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	13850m	21.496	ug/l	
42) 1,2-Dichloroethane	8.240	62	40691	20.379	ug/l	95
43) Isopropyl Acetate	8.277	43	44012	20.045	ug/l #	90
44) Trichloroethene	8.947	130	41859	19.992	ug/l	94
45) 1,2-Dichloropropane	9.222	63	35237	20.472	ug/l	97
46) Dibromomethane	9.313	93	19808	20.287	ug/l	97
47) Bromodichloromethane	9.502	83	50963	20.543	ug/l	100
48) Methyl methacrylate	9.301	41	20449	20.481	ug/l	90
49) 1,4-Dioxane	9.301	88	5331	387.897	ug/l #	49
51) 4-Methyl-2-Pentanone	10.075	43	113576	103.668	ug/l	92
52) Toluene	10.252	92	91473	19.730	ug/l	96
53) t-1,3-Dichloropropene	10.471	75	49033	19.799	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	58023	19.967	ug/l	93
55) 1,1,2-Trichloroethane	10.648	97	27362	19.922	ug/l	96
56) Ethyl methacrylate	10.514	69	36120	20.250	ug/l #	87
57) 1,3-Dichloropropane	10.794	76	46689	19.969	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	89554	103.541	ug/l	91
59) 2-Hexanone	10.837	43	76426	101.799	ug/l	91
60) Dibromochloromethane	10.990	129	34355	19.939	ug/l	97
61) 1,2-Dibromoethane	11.093	107	26480	20.270	ug/l	99
64) Tetrachloroethene	10.727	164	44735	19.965	ug/l	96
65) Chlorobenzene	11.520	112	99668	19.914	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	36919	19.916	ug/l	98
67) Ethyl Benzene	11.599	91	177396	19.817	ug/l	100
68) m/p-Xylenes	11.709	106	138621	40.074	ug/l	94
69) o-Xylene	12.038	106	65314	19.776	ug/l	98
70) Styrene	12.050	104	109889	20.014	ug/l	97
71) Bromoform	12.215	173	20754	20.181	ug/l #	98
73) Isopropylbenzene	12.337	105	176546	19.779	ug/l	100
74) N-amyl acetate	12.148	43	38858	20.033	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.587	83	28650	20.171	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	23873m	21.304	ug/l	
77) Bromobenzene	12.617	156	40661	20.118	ug/l	94
78) n-propylbenzene	12.678	91	210366	19.935	ug/l	99
79) 2-Chlorotoluene	12.764	91	116784	19.842	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	143938	19.904	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.386	75	10064	19.473	ug/l	95
82) 4-Chlorotoluene	12.861	91	121381	20.083	ug/l	99
83) tert-Butylbenzene	13.081	119	129097	19.952	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	143668	20.078	ug/l	99
85) sec-Butylbenzene	13.257	105	191855	20.202	ug/l	99
86) p-Isopropyltoluene	13.373	119	159734	20.294	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	80765	20.205	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	79325	20.079	ug/l	98
89) n-Butylbenzene	13.702	91	147066	20.335	ug/l	97
90) Hexachloroethane	13.965	117	27218	20.067	ug/l	93
91) 1,2-Dichlorobenzene	13.745	146	71200	20.616	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	5009	19.706	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	44279	20.772	ug/l	99
94) Hexachlorobutadiene	15.117	225	24081	20.673	ug/l	98
95) Naphthalene	15.239	128	82488	19.919	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	37329	20.500	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103123\
Data File : VY016150.D
Acq On : 31 Oct 2023 16:51
Operator : SY/MD
Sample : VY1031SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

Manual Integrations
APPROVED

Reviewed By : John Carlone 11/01/2023
Supervised By : Mahesh Dadoda 11/01/2023

Quant Time: Nov 01 03:37:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 01 03:33:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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

