

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060424\
 Data File : VY018458.D
 Acq On : 04 Jun 2024 12:49
 Operator : SY/MD
 Sample : VY0604SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBS01

Quant Time: Jun 05 01:22:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 06/05/2024
 Supervised By :Mahesh Dadoda 06/05/2024

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	47231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	77993	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	70801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	48592	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	58256	62.807	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 125.620%			
35) Dibromofluoromethane	7.704	113	58023	58.668	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 117.340%			
50) Toluene-d8	10.173	98	230903	58.686	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 117.380%			
62) 4-Bromofluorobenzene	12.477	95	71243	58.156	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 116.320%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	14612	19.480	ug/l	94
3) Chloromethane	2.107	50	35557	25.418	ug/l	95
4) Vinyl Chloride	2.241	62	39428	23.564	ug/l	99
5) Bromomethane	2.637	94	27716	24.828	ug/l	88
6) Chloroethane	2.778	64	25194	23.848	ug/l	96
7) Trichlorofluoromethane	3.107	101	38002	21.951	ug/l	99
8) Diethyl Ether	3.515	74	10831	20.793	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.875	101	20575	20.410	ug/l	91
10) Methyl Iodide	4.070	142	18487	18.670	ug/l	95
11) Tert butyl alcohol	4.936	59	13067	80.595	ug/l #	84
12) 1,1-Dichloroethene	3.857	96	20153	20.339	ug/l #	83
13) Acrolein	3.723	56	7289	76.773	ug/l	97
14) Allyl chloride	4.454	41	33232	22.901	ug/l #	93
15) Acrylonitrile	5.143	53	24509	102.884	ug/l	96
16) Acetone	3.936	43	19378	94.128	ug/l	95
17) Carbon Disulfide	4.180	76	61846	21.278	ug/l	96
18) Methyl Acetate	4.454	43	11306	21.962	ug/l	91
19) Methyl tert-butyl Ether	5.198	73	48641	20.369	ug/l	100
20) Methylene Chloride	4.692	84	28462	22.507	ug/l	92
21) trans-1,2-Dichloroethene	5.204	96	22785	21.549	ug/l	90
22) Diisopropyl ether	6.106	45	65716	22.237	ug/l	93
23) Vinyl Acetate	6.039	43	211986	110.221	ug/l #	93
24) 1,1-Dichloroethane	5.997	63	40624	22.039	ug/l	93
25) 2-Butanone	6.972	43	32309	102.445	ug/l #	84
26) 2,2-Dichloropropane	6.966	77	32959	20.344	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	25910	21.065	ug/l	91
28) Bromochloromethane	7.326	49	18111	21.351	ug/l #	80
29) Tetrahydrofuran	7.344	42	21896	106.904	ug/l	87
30) Chloroform	7.496	83	40582	21.951	ug/l	97
31) Cyclohexane	7.777	56	37855	21.889	ug/l	93
32) 1,1,1-Trichloroethane	7.691	97	33866	20.915	ug/l	95
36) 1,1-Dichloropropene	7.905	75	31044	20.586	ug/l	96
37) Ethyl Acetate	7.063	43	15399	20.441	ug/l	97
38) Carbon Tetrachloride	7.886	117	28870	19.105	ug/l	95
39) Methylcyclohexane	9.173	83	40472	19.853	ug/l	90
40) Benzene	8.149	78	95543	21.146	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060424\
 Data File : VY018458.D
 Acq On : 04 Jun 2024 12:49
 Operator : SY/MD
 Sample : VY0604SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBS01

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 06/05/2024
 Supervised By :Mahesh Dadoda 06/05/2024

Quant Time: Jun 05 01:22:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	8403	22.932	ug/l #	87
42) 1,2-Dichloroethane	8.228	62	22365	20.360	ug/l	99
43) Isopropyl Acetate	8.264	43	28408	20.167	ug/l #	82
44) Trichloroethene	8.935	130	22648	20.227	ug/l	96
45) 1,2-Dichloropropane	9.209	63	22465	21.741	ug/l	94
46) Dibromomethane	9.301	93	12279	20.726	ug/l	88
47) Bromodichloromethane	9.490	83	28536	20.066	ug/l	99
48) Methyl methacrylate	9.289	41	12765	19.696	ug/l	86
49) 1,4-Dioxane	9.289	88	3026	388.947	ug/l #	90
51) 4-Methyl-2-Pentanone	10.063	43	73078	99.909	ug/l	91
52) Toluene	10.240	92	59418	21.381	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	26371	20.192	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	32345	20.115	ug/l #	91
55) 1,1,2-Trichloroethane	10.642	97	15337	19.898	ug/l	94
56) Ethyl methacrylate	10.508	69	21977	20.262	ug/l #	79
57) 1,3-Dichloropropane	10.788	76	29403	22.471	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.776	63	60671	104.164	ug/l	95
59) 2-Hexanone	10.825	43	50052	99.023	ug/l	90
60) Dibromochloromethane	10.977	129	17998	19.113	ug/l	100
61) 1,2-Dibromoethane	11.081	107	15078	20.774	ug/l	100
64) Tetrachloroethene	10.715	164	20493	19.650	ug/l	95
65) Chlorobenzene	11.514	112	60001	19.762	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	19611	19.975	ug/l	96
67) Ethyl Benzene	11.587	91	111634	20.200	ug/l	97
68) m/p-Xylenes	11.697	106	82776	39.778	ug/l	96
69) o-Xylene	12.026	106	39388	19.663	ug/l	97
70) Styrene	12.038	104	66060	20.183	ug/l	98
71) Bromoform	12.203	173	8800	17.014	ug/l #	97
73) Isopropylbenzene	12.325	105	102186	20.379	ug/l	98
74) N-amyl acetate	12.142	43	25217	20.660	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	18102	20.508	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	13912m	23.089	ug/l	
77) Bromobenzene	12.605	156	21053	19.774	ug/l	89
78) n-propylbenzene	12.666	91	124939	20.760	ug/l	98
79) 2-Chlorotoluene	12.751	91	68355	20.892	ug/l	95
80) 1,3,5-Trimethylbenzene	12.806	105	79369	20.323	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.373	75	5214	18.180	ug/l #	86
82) 4-Chlorotoluene	12.849	91	68997	20.957	ug/l	97
83) tert-Butylbenzene	13.068	119	72560	20.092	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	80629	21.088	ug/l	97
85) sec-Butylbenzene	13.251	105	110539	20.784	ug/l	98
86) p-Isopropyltoluene	13.367	119	87920	20.482	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	42014	20.005	ug/l	97
88) 1,4-Dichlorobenzene	13.440	146	41579	20.153	ug/l	96
89) n-Butylbenzene	13.690	91	89173	21.862	ug/l	96
90) Hexachloroethane	13.958	117	15981	19.863	ug/l	79
91) 1,2-Dichlorobenzene	13.739	146	36091	19.749	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.349	75	2261	16.833	ug/l	87
93) 1,2,4-Trichlorobenzene	15.007	180	18024	18.236	ug/l	97
94) Hexachlorobutadiene	15.105	225	9336	17.785	ug/l	92
95) Naphthalene	15.233	128	34184	17.221	ug/l	97
96) 1,2,3-Trichlorobenzene	15.422	180	15721	18.800	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060424\
Data File : VY018458.D
Acq On : 04 Jun 2024 12:49
Operator : SY/MD
Sample : VY0604SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

Quant Time: Jun 05 01:22:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 07:11:56 2024
Response via : Initial Calibration

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

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

