

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100724\
 Data File : VY019808.D
 Acq On : 07 Oct 2024 13:53
 Operator : SY/MD
 Sample : VY1007SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1007SBS01

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 10/08/2024
 Supervised By :Mahesh Dadoda 10/08/2024

Quant Time: Oct 08 01:37:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	241263	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	421015	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	358736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	166395	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	137072	61.356	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	122.720%	
35) Dibromofluoromethane	7.634	113	133295	55.840	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	111.680%	
50) Toluene-d8	10.109	98	475728	53.881	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	107.760%	
62) 4-Bromofluorobenzene	12.401	95	173031	50.968	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	101.940%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	25686	16.756	ug/l	99
3) Chloromethane	2.068	50	30125	15.092	ug/l	96
4) Vinyl Chloride	2.202	62	36081	16.716	ug/l	94
5) Bromomethane	2.598	94	25684	19.372	ug/l	95
6) Chloroethane	2.732	64	27327	19.367	ug/l	91
7) Trichlorofluoromethane	3.062	101	68336	18.993	ug/l	94
8) Diethyl Ether	3.458	74	22900	18.961	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.818	101	44586	20.032	ug/l	94
10) Methyl Iodide	4.013	142	36150	12.668	ug/l #	90
11) Tert butyl alcohol	4.878	59	24459	135.570	ug/l #	82
12) 1,1-Dichloroethene	3.793	96	34373	16.058	ug/l #	82
13) Acrolein	3.659	56	7603	77.659	ug/l	95
14) Allyl chloride	4.391	41	68595	17.870	ug/l #	91
15) Acrylonitrile	5.061	53	60461	116.101	ug/l	99
16) Acetone	3.879	43	71631	134.587	ug/l #	81
17) Carbon Disulfide	4.110	76	48730	8.426	ug/l	99
18) Methyl Acetate	4.385	43	31031	21.484	ug/l	90
19) Methyl tert-butyl Ether	5.122	73	131679	21.720	ug/l	100
20) Methylene Chloride	4.622	84	48000	19.776	ug/l #	82
21) trans-1,2-Dichloroethene	5.116	96	37932	16.167	ug/l	90
22) Diisopropyl ether	6.018	45	180677	22.921	ug/l #	90
23) Vinyl Acetate	5.964	43	483157	107.309	ug/l #	92
24) 1,1-Dichloroethane	5.915	63	94953	21.467	ug/l	97
25) 2-Butanone	6.896	43	95653	126.364	ug/l #	86
26) 2,2-Dichloropropane	6.884	77	84009	21.055	ug/l	97
27) cis-1,2-Dichloroethene	6.896	96	57331	20.116	ug/l	85
28) Bromochloromethane	7.244	49	40802	21.924	ug/l #	78
29) Tetrahydrofuran	7.262	42	48067	104.438	ug/l	86
30) Chloroform	7.421	83	103015	22.814	ug/l	99
31) Cyclohexane	7.701	56	61483	15.378	ug/l	91
32) 1,1,1-Trichloroethane	7.622	97	85832	21.207	ug/l	96
36) 1,1-Dichloropropene	7.835	75	57288	17.637	ug/l	95
37) Ethyl Acetate	6.982	43	36617	22.002	ug/l	96
38) Carbon Tetrachloride	7.817	117	68650	18.742	ug/l	98
39) Methylcyclohexane	9.109	83	63512	14.693	ug/l	91
40) Benzene	8.079	78	190371	19.029	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100724\
 Data File : VY019808.D
 Acq On : 07 Oct 2024 13:53
 Operator : SY/MD
 Sample : VY1007SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1007SBS01

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 10/08/2024
 Supervised By :Mahesh Dadoda 10/08/2024

Quant Time: Oct 08 01:37:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	21587	22.252	ug/l #	83
42) 1,2-Dichloroethane	8.158	62	59495	22.100	ug/l	95
43) Isopropyl Acetate	8.195	43	75383	21.560	ug/l #	79
44) Trichloroethene	8.866	130	46749	18.170	ug/l	100
45) 1,2-Dichloropropane	9.140	63	52240	21.359	ug/l	95
46) Dibromomethane	9.231	93	27793	20.780	ug/l	92
47) Bromodichloromethane	9.420	83	78920	21.951	ug/l	99
48) Methyl methacrylate	9.219	41	33650	20.380	ug/l #	81
49) 1,4-Dioxane	9.231	88	6533	414.917	ug/l #	72
51) 4-Methyl-2-Pentanone	9.999	43	194969	110.838	ug/l	90
52) Toluene	10.170	92	121600	18.899	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	68014	19.845	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	79259	19.861	ug/l #	91
55) 1,1,2-Trichloroethane	10.573	97	41514	22.476	ug/l	95
56) Ethyl methacrylate	10.438	69	55878	19.915	ug/l #	79
57) 1,3-Dichloropropane	10.713	76	70515	22.210	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	134130	103.000	ug/l	95
59) 2-Hexanone	10.762	43	144074	111.719	ug/l	89
60) Dibromochloromethane	10.908	129	52933	21.664	ug/l	98
61) 1,2-Dibromoethane	11.012	107	34052	19.787	ug/l	99
64) Tetrachloroethene	10.646	164	38505	17.333	ug/l	92
65) Chlorobenzene	11.438	112	142278	20.162	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	52144	21.342	ug/l	98
67) Ethyl Benzene	11.518	91	253268	20.200	ug/l	97
68) m/p-Xylenes	11.627	106	184294	38.872	ug/l	92
69) o-Xylene	11.950	106	91963	19.834	ug/l	92
70) Styrene	11.969	104	157785	20.156	ug/l	96
71) Bromoform	12.127	173	27160	19.463	ug/l #	98
73) Isopropylbenzene	12.249	105	256375	21.238	ug/l	99
74) N-amyl acetate	12.066	43	66586	20.282	ug/l	88
75) 1,1,2,2-Tetrachloroethane	12.505	83	48829	22.789	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	39181m	25.122	ug/l	
77) Bromobenzene	12.530	156	54301	20.282	ug/l	85
78) n-propylbenzene	12.590	91	308398	21.554	ug/l	98
79) 2-Chlorotoluene	12.676	91	180116	21.601	ug/l	94
80) 1,3,5-Trimethylbenzene	12.731	105	204895	20.879	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.298	75	14980	18.439	ug/l #	86
82) 4-Chlorotoluene	12.773	91	181804	21.208	ug/l	95
83) tert-Butylbenzene	12.993	119	190137	21.402	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	205606	21.166	ug/l	97
85) sec-Butylbenzene	13.170	105	286137	22.170	ug/l	98
86) p-Isopropyltoluene	13.292	119	228794	21.667	ug/l	95
87) 1,3-Dichlorobenzene	13.285	146	110730	21.285	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	111269	21.552	ug/l	97
89) n-Butylbenzene	13.615	91	221314	21.924	ug/l	99
90) Hexachloroethane	13.877	117	46163	21.011	ug/l	87
91) 1,2-Dichlorobenzene	13.657	146	100504	21.649	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7026	19.675	ug/l	81
93) 1,2,4-Trichlorobenzene	14.919	180	56000	19.834	ug/l	96
94) Hexachlorobutadiene	15.023	225	30995	20.549	ug/l	99
95) Naphthalene	15.139	128	104336	18.453	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	46583	19.288	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100724\
Data File : VY019808.D
Acq On : 07 Oct 2024 13:53
Operator : SY/MD
Sample : VY1007SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1007SBS01

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 10/08/2024
Supervised By :Mahesh Dadoda 10/08/2024

Quant Time: Oct 08 01:37:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration

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

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

