

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101724\
 Data File : VY019924.D
 Acq On : 17 Oct 2024 12:08
 Operator : SY/MD
 Sample : VY1017SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1017SBS01

Quant Time: Oct 18 02:24:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/18/2024
 Supervised By :Semsettin Yesilyurt 10/18/2024

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	254579	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	447317	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	386309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	187162	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	154805	49.386	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.780%		
35) Dibromofluoromethane	7.640	113	144091	48.815	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.620%		
50) Toluene-d8	10.109	98	527669	48.407	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.820%		
62) 4-Bromofluorobenzene	12.408	95	190584	48.387	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	96.780%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.873	85	42536	17.948	ug/l	98
3) Chloromethane	2.074	50	58786	19.058	ug/l	100
4) Vinyl Chloride	2.214	62	65032	19.159	ug/l	99
5) Bromomethane	2.598	94	43688	20.335	ug/l	94
6) Chloroethane	2.745	64	46344	20.324	ug/l	99
7) Trichlorofluoromethane	3.068	101	99261	19.653	ug/l	98
8) Diethyl Ether	3.458	74	29028	18.911	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.824	101	59459	20.239	ug/l	90
10) Methyl Iodide	4.013	142	50956	17.150	ug/l	# 89
11) Tert butyl alcohol	4.878	59	26144	91.843	ug/l	98
12) 1,1-Dichloroethene	3.805	96	52095	19.075	ug/l	86
13) Acrolein	3.659	56	22631	98.254	ug/l	95
14) Allyl chloride	4.397	41	97195	19.724	ug/l	# 89
15) Acrylonitrile	5.074	53	71258	101.493	ug/l	96
16) Acetone	3.879	43	92405	113.243	ug/l	# 82
17) Carbon Disulfide	4.116	76	114259	15.608	ug/l	97
18) Methyl Acetate	4.391	43	33765	19.209	ug/l	# 87
19) Methyl tert-butyl Ether	5.128	73	156008	19.883	ug/l	99
20) Methylene Chloride	4.628	84	65763	21.350	ug/l	# 85
21) trans-1,2-Dichloroethene	5.122	96	57081	19.203	ug/l	92
22) Diisopropyl ether	6.025	45	231122	21.533	ug/l	# 88
23) Vinyl Acetate	5.970	43	629189	102.251	ug/l	# 90
24) 1,1-Dichloroethane	5.927	63	127526	21.373	ug/l	96
25) 2-Butanone	6.902	43	116317	106.495	ug/l	# 80
26) 2,2-Dichloropropane	6.896	77	108333	20.388	ug/l	93
27) cis-1,2-Dichloroethene	6.902	96	73545	20.021	ug/l	82
28) Bromochloromethane	7.250	49	57150	21.762	ug/l	# 71
29) Tetrahydrofuran	7.268	42	63319	101.532	ug/l	# 81
30) Chloroform	7.427	83	132611	21.803	ug/l	99
31) Cyclohexane	7.713	56	98456	18.798	ug/l	91
32) 1,1,1-Trichloroethane	7.622	97	111869	20.988	ug/l	# 95
36) 1,1-Dichloropropene	7.841	75	85409	20.084	ug/l	93
37) Ethyl Acetate	6.994	43	44340	19.996	ug/l	98
38) Carbon Tetrachloride	7.823	117	89269	19.581	ug/l	98
39) Methylcyclohexane	9.115	83	97673	18.229	ug/l	92
40) Benzene	8.085	78	260490	20.240	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101724\
 Data File : VY019924.D
 Acq On : 17 Oct 2024 12:08
 Operator : SY/MD
 Sample : VY1017SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1017SBS01

Quant Time: Oct 18 02:24:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/18/2024
 Supervised By :Semsettin Yesilyurt 10/18/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	21851	18.207	ug/l	90
42) 1,2-Dichloroethane	8.164	62	75973	20.547	ug/l	93
43) Isopropyl Acetate	8.201	43	89971	19.895	ug/l #	80
44) Trichloroethene	8.872	130	60538	19.421	ug/l	88
45) 1,2-Dichloropropane	9.146	63	67415	20.928	ug/l	97
46) Dibromomethane	9.237	93	35283	20.047	ug/l #	86
47) Bromodichloromethane	9.426	83	97296	20.827	ug/l	96
48) Methyl methacrylate	9.225	41	40051	20.134	ug/l #	82
49) 1,4-Dioxane	9.237	88	7756	393.739	ug/l #	93
51) 4-Methyl-2-Pentanone	9.999	43	238354	103.333	ug/l	89
52) Toluene	10.176	92	162273	20.199	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	82002	19.509	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	98641	19.889	ug/l #	85
55) 1,1,2-Trichloroethane	10.573	97	47958	20.682	ug/l	94
56) Ethyl methacrylate	10.444	69	65518	19.691	ug/l #	73
57) 1,3-Dichloropropane	10.719	76	83416	20.485	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	163050	105.266	ug/l	93
59) 2-Hexanone	10.762	43	174525	105.934	ug/l	85
60) Dibromochloromethane	10.914	129	58726	19.732	ug/l	99
61) 1,2-Dibromoethane	11.018	107	41749	19.924	ug/l	97
64) Tetrachloroethene	10.646	164	49781	18.117	ug/l	92
65) Chlorobenzene	11.444	112	174292	19.726	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	61452	20.556	ug/l	97
67) Ethyl Benzene	11.524	91	324237	20.201	ug/l	100
68) m/p-Xylenes	11.633	106	233459	39.384	ug/l	91
69) o-Xylene	11.956	106	114417	20.089	ug/l	92
70) Styrene	11.975	104	190332	19.807	ug/l	95
71) Bromoform	12.133	173	30318	18.945	ug/l #	99
73) Isopropylbenzene	12.255	105	311818	19.807	ug/l	97
74) N-amyl acetate	12.072	43	81305	19.499	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.505	83	57810	20.666	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	36067m	9.837	ug/l	
77) Bromobenzene	12.536	156	64369	19.268	ug/l	84
78) n-propylbenzene	12.597	91	380987	20.028	ug/l	97
79) 2-Chlorotoluene	12.682	91	213565	19.583	ug/l	95
80) 1,3,5-Trimethylbenzene	12.737	105	248962	19.582	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.310	75	16690	18.374	ug/l #	80
82) 4-Chlorotoluene	12.779	91	221516	19.866	ug/l	95
83) tert-Butylbenzene	12.999	119	225595	19.807	ug/l	94
84) 1,2,4-Trimethylbenzene	13.048	105	251291	19.936	ug/l	96
85) sec-Butylbenzene	13.176	105	339054	19.925	ug/l	97
86) p-Isopropyltoluene	13.292	119	269955	19.536	ug/l	95
87) 1,3-Dichlorobenzene	13.292	146	133438	19.779	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	131192	19.794	ug/l	96
89) n-Butylbenzene	13.621	91	271741	20.140	ug/l	98
90) Hexachloroethane	13.883	117	53010	19.701	ug/l	84
91) 1,2-Dichlorobenzene	13.663	146	114935	19.389	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7897	17.689	ug/l	75
93) 1,2,4-Trichlorobenzene	14.925	180	59987	18.047	ug/l	98
94) Hexachlorobutadiene	15.023	225	34181	18.497	ug/l	99
95) Naphthalene	15.145	128	112876	18.005	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	51561	18.350	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101724\
Data File : VY019924.D
Acq On : 17 Oct 2024 12:08
Operator : SY/MD
Sample : VY1017SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1017SBS01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/18/2024
Supervised By :Semsettin Yesilyurt 10/18/2024

Quant Time: Oct 18 02:24:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 16 05:44:48 2024
Response via : Initial Calibration

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

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

