

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081624\
 Data File : VY019080.D
 Acq On : 16 Aug 2024 08:41
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 16 23:08:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/23/2024
 Supervised By :Semsettin Yesilyurt 08/23/2024

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	135351	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	218434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	189971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	98981	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	65461	48.247	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.500%		
35) Dibromofluoromethane	7.622	113	67005	46.914	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.820%		
50) Toluene-d8	10.103	98	258348	50.264	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	100.520%		
62) 4-Bromofluorobenzene	12.407	95	90373	51.579	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	103.160%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	48732	49.073	ug/l	98
3) Chloromethane	2.068	50	78872	44.064	ug/l	98
4) Vinyl Chloride	2.202	62	104850	47.423	ug/l	98
5) Bromomethane	2.586	94	74166	55.601	ug/l	100
6) Chloroethane	2.732	64	68224	48.379	ug/l	96
7) Trichlorofluoromethane	3.049	101	156423	46.795	ug/l	96
8) Diethyl Ether	3.446	74	33872	46.945	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.805	101	71626	48.199	ug/l	99
10) Methyl Iodide	3.994	142	76584	52.577	ug/l	96
11) Tert butyl alcohol	4.848	59	28906	250.029	ug/l #	96
12) 1,1-Dichloroethene	3.781	96	66067	48.934	ug/l	95
13) Acrolein	3.641	56	27350	269.975	ug/l	99
14) Allyl chloride	4.372	41	88000	49.024	ug/l	90
15) Acrylonitrile	5.043	53	71718	242.924	ug/l	98
16) Acetone	3.854	43	87660	348.382	ug/l	92
17) Carbon Disulfide	4.098	76	190298	49.972	ug/l	99
18) Methyl Acetate	4.372	43	37085	48.022	ug/l	96
19) Methyl tert-butyl Ether	5.104	73	160973	49.178	ug/l	99
20) Methylene Chloride	4.604	84	76243	48.479	ug/l	96
21) trans-1,2-Dichloroethene	5.098	96	74144	49.155	ug/l	94
22) Diisopropyl ether	6.006	45	202144	49.192	ug/l #	90
23) Vinyl Acetate	5.945	43	821569	252.526	ug/l	98
24) 1,1-Dichloroethane	5.902	63	119205	47.434	ug/l	97
25) 2-Butanone	6.878	43	115114	284.073	ug/l	91
26) 2,2-Dichloropropane	6.872	77	105493	51.839	ug/l	100
27) cis-1,2-Dichloroethene	6.878	96	87012	49.018	ug/l	97
28) Bromochloromethane	7.231	49	49876	47.313	ug/l	96
29) Tetrahydrofuran	7.250	42	61006	234.196	ug/l	94
30) Chloroform	7.408	83	132757	47.409	ug/l	98
31) Cyclohexane	7.689	56	102753	53.219	ug/l	98
32) 1,1,1-Trichloroethane	7.603	97	119071	48.385	ug/l	99
36) 1,1-Dichloropropene	7.823	75	94863	48.369	ug/l	99
37) Ethyl Acetate	6.969	43	43137	49.644	ug/l	96
38) Carbon Tetrachloride	7.805	117	110659	48.687	ug/l	100
39) Methylcyclohexane	9.103	83	124926	49.636	ug/l	100
40) Benzene	8.067	78	286216	47.583	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081624\
 Data File : VY019080.D
 Acq On : 16 Aug 2024 08:41
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 16 23:08:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/23/2024
 Supervised By :Semsettin Yesilyurt 08/23/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.207	41	21080	44.447	ug/l	97
42) 1,2-Dichloroethane	8.146	62	74217	45.691	ug/l	98
43) Isopropyl Acetate	8.189	43	81647	46.461	ug/l #	82
44) Trichloroethene	8.859	130	78194	46.589	ug/l	99
45) 1,2-Dichloropropane	9.134	63	65579	48.934	ug/l	100
46) Dibromomethane	9.225	93	41544	47.794	ug/l	98
47) Bromodichloromethane	9.420	83	102859	48.233	ug/l	99
48) Methyl methacrylate	9.213	41	39709	50.703	ug/l	89
49) 1,4-Dioxane	9.219	88	10215	970.134	ug/l #	98
51) 4-Methyl-2-Pentanone	9.993	43	229867	246.451	ug/l	93
52) Toluene	10.164	92	192464	48.745	ug/l	98
53) t-1,3-Dichloropropene	10.389	75	91372	51.651	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	104631	49.181	ug/l #	89
55) 1,1,2-Trichloroethane	10.572	97	55133	49.271	ug/l	97
56) Ethyl methacrylate	10.438	69	74976	51.190	ug/l #	86
57) 1,3-Dichloropropane	10.713	76	87974	48.228	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	171090	246.234	ug/l	96
59) 2-Hexanone	10.761	43	177875	277.588	ug/l	92
60) Dibromochloromethane	10.908	129	75603	49.606	ug/l	100
61) 1,2-Dibromoethane	11.011	107	54704	50.580	ug/l	99
64) Tetrachloroethene	10.646	164	79186	47.688	ug/l	95
65) Chlorobenzene	11.444	112	212818	48.652	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	74555	48.466	ug/l	98
67) Ethyl Benzene	11.517	91	375165	49.414	ug/l	97
68) m/p-Xylenes	11.627	106	298017	98.924	ug/l	100
69) o-Xylene	11.956	106	139680	50.068	ug/l	100
70) Styrene	11.968	104	239643	50.373	ug/l	98
71) Bromoform	12.133	173	45080	51.265	ug/l #	96
73) Isopropylbenzene	12.255	105	369146	48.659	ug/l	100
74) N-amyl acetate	12.072	43	80381	48.590	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.505	83	62850	46.535	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	45873m	46.995	ug/l	
77) Bromobenzene	12.529	156	86117	47.267	ug/l	98
78) n-propylbenzene	12.596	91	441436	48.675	ug/l	99
79) 2-Chlorotoluene	12.682	91	245782	48.340	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	301811	48.834	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	19593	49.571	ug/l	88
82) 4-Chlorotoluene	12.779	91	250541	47.363	ug/l	98
83) tert-Butylbenzene	12.999	119	276642	48.471	ug/l	98
84) 1,2,4-Trimethylbenzene	13.041	105	301310	48.917	ug/l	99
85) sec-Butylbenzene	13.176	105	401487	48.272	ug/l	99
86) p-Isopropyltoluene	13.291	119	336564	49.265	ug/l	96
87) 1,3-Dichlorobenzene	13.291	146	170801	47.536	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	172294	48.239	ug/l	98
89) n-Butylbenzene	13.621	91	316808	50.864	ug/l	99
90) Hexachloroethane	13.883	117	68442	50.828	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	152281	48.188	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	9197	46.289	ug/l	98
93) 1,2,4-Trichlorobenzene	14.925	180	90746	50.920	ug/l	99
94) Hexachlorobutadiene	15.029	225	50830	54.758	ug/l	98
95) Naphthalene	15.145	128	158820	49.934	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	77359	51.467	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081624\
Data File : VY019080.D
Acq On : 16 Aug 2024 08:41
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024

Quant Time: Aug 16 23:08:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 05:10:30 2024
Response via : Initial Calibration

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

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

