

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
 Data File : VY019169.D
 Acq On : 21 Aug 2024 15:05
 Operator : SY/MD
 Sample : VY0821SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0821SBSD01

Manual Integrations
 APPROVED

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

Quant Time: Aug 22 01:13:35 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)

Internal Standards						
1) Pentafluorobenzene	7.701	168	116435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	191455	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	166163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	79496	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.054	65	57149	48.964	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.920%		
35) Dibromofluoromethane	7.628	113	60744	48.524	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.040%		
50) Toluene-d8	10.103	98	220664	48.982	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.960%		
62) 4-Bromofluorobenzene	12.407	95	71114	46.306	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	92.620%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.860	85	16150	18.905	ug/l	95
3) Chloromethane	2.068	50	27778	18.040	ug/l	98
4) Vinyl Chloride	2.202	62	34106	17.932	ug/l	99
5) Bromomethane	2.586	94	28153	20.789	ug/l	93
6) Chloroethane	2.732	64	22709	17.533	ug/l	98
7) Trichlorofluoromethane	3.049	101	49731	17.294	ug/l	93
8) Diethyl Ether	3.452	74	11479	18.494	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.805	101	22277	17.426	ug/l	92
10) Methyl Iodide	4.000	142	23024	18.375	ug/l	95
11) Tert butyl alcohol	4.823	59	16159	145.079	ug/l #	96
12) 1,1-Dichloroethene	3.775	96	22099	19.027	ug/l	99
13) Acrolein	3.647	56	9027	90.397	ug/l	100
14) Allyl chloride	4.372	41	28562	18.497	ug/l	94
15) Acrylonitrile	5.043	53	24283	95.614	ug/l	98
16) Acetone	3.860	43	18821	86.951	ug/l #	85
17) Carbon Disulfide	4.098	76	58255	17.783	ug/l	98
18) Methyl Acetate	4.378	43	12849	19.341	ug/l	95
19) Methyl tert-butyl Ether	5.104	73	53737	19.084	ug/l	97
20) Methylene Chloride	4.604	84	30163	15.351	ug/l	96
21) trans-1,2-Dichloroethene	5.110	96	24750	19.074	ug/l	92
22) Diisopropyl ether	6.006	45	64913	18.363	ug/l #	91
23) Vinyl Acetate	5.945	43	249764	89.242	ug/l	96
24) 1,1-Dichloroethane	5.902	63	40626	18.792	ug/l	97
25) 2-Butanone	6.878	43	31197	89.494	ug/l	90
26) 2,2-Dichloropropane	6.878	77	33542	19.160	ug/l	98
27) cis-1,2-Dichloroethene	6.878	96	29679	19.436	ug/l	100
28) Bromochloromethane	7.231	49	16603	18.308	ug/l	99
29) Tetrahydrofuran	7.250	42	19507	87.051	ug/l	94
30) Chloroform	7.408	83	47330	19.648	ug/l	97
31) Cyclohexane	7.695	56	33390	17.191	ug/l	97
32) 1,1,1-Trichloroethane	7.603	97	40431	19.098	ug/l	96
36) 1,1-Dichloropropene	7.829	75	31099	18.091	ug/l	99
37) Ethyl Acetate	6.969	43	14788	19.417	ug/l	99
38) Carbon Tetrachloride	7.804	117	36650	18.397	ug/l #	96
39) Methylcyclohexane	9.097	83	36999	16.772	ug/l	96
40) Benzene	8.073	78	100398	19.043	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
 Data File : VY019169.D
 Acq On : 21 Aug 2024 15:05
 Operator : SY/MD
 Sample : VY0821SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0821SBSD01

Manual Integrations
 APPROVED

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

Quant Time: Aug 22 01:13:35 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)
41) Methacrylonitrile	7.213	41	7558m	18.182	ug/l	
42) 1,2-Dichloroethane	8.146	62	26296	18.470	ug/l	100
43) Isopropyl Acetate	8.189	43	27638	17.944	ug/l #	81
44) Trichloroethene	8.859	130	27096	18.419	ug/l	92
45) 1,2-Dichloropropane	9.133	63	22184	18.886	ug/l	97
46) Dibromomethane	9.225	93	14339	18.821	ug/l	98
47) Bromodichloromethane	9.420	83	34446	18.429	ug/l	99
48) Methyl methacrylate	9.213	41	12534	18.259	ug/l	91
49) 1,4-Dioxane	9.219	88	3267	353.994	ug/l #	98
51) 4-Methyl-2-Pentanone	9.993	43	70987	86.833	ug/l	93
52) Toluene	10.170	92	65245	18.853	ug/l	96
53) t-1,3-Dichloropropene	10.389	75	28319	18.264	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	33430	17.928	ug/l	93
55) 1,1,2-Trichloroethane	10.572	97	19013	19.386	ug/l	94
56) Ethyl methacrylate	10.438	69	22911	17.847	ug/l #	84
57) 1,3-Dichloropropane	10.719	76	30462	19.053	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	58508	96.071	ug/l	97
59) 2-Hexanone	10.761	43	48961	87.174	ug/l	90
60) Dibromochloromethane	10.908	129	25079	18.774	ug/l	96
61) 1,2-Dibromoethane	11.011	107	18552	19.571	ug/l	93
64) Tetrachloroethene	10.645	164	27199	18.727	ug/l	97
65) Chlorobenzene	11.444	112	72688	18.998	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	25041	18.611	ug/l	95
67) Ethyl Benzene	11.517	91	121115	18.238	ug/l	97
68) m/p-Xylenes	11.627	106	96055	36.453	ug/l	100
69) o-Xylene	11.956	106	45495	18.644	ug/l	96
70) Styrene	11.968	104	74864	17.991	ug/l	99
71) Bromoform	12.133	173	13752	17.879	ug/l #	99
73) Isopropylbenzene	12.255	105	114033	18.715	ug/l	98
74) N-amyl acetate	12.072	43	23157	17.429	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.505	83	19572	18.043	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	15112m	19.276	ug/l	
77) Bromobenzene	12.529	156	28086	19.194	ug/l	95
78) n-propylbenzene	12.596	91	134993	18.533	ug/l	99
79) 2-Chlorotoluene	12.682	91	76550	18.746	ug/l	99
80) 1,3,5-Trimethylbenzene	12.736	105	92791	18.694	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	5640	17.767	ug/l	93
82) 4-Chlorotoluene	12.779	91	77650	18.277	ug/l	97
83) tert-Butylbenzene	12.999	119	85207	18.589	ug/l	100
84) 1,2,4-Trimethylbenzene	13.041	105	93825	18.966	ug/l	99
85) sec-Butylbenzene	13.175	105	125808	18.834	ug/l	100
86) p-Isopropyltoluene	13.291	119	102845	18.744	ug/l	96
87) 1,3-Dichlorobenzene	13.291	146	53323	18.478	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	54124	18.868	ug/l	98
89) n-Butylbenzene	13.620	91	91073	18.206	ug/l	99
90) Hexachloroethane	13.883	117	20651	19.095	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	47981	18.905	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	3207	20.097	ug/l	91
93) 1,2,4-Trichlorobenzene	14.925	180	27917	19.505	ug/l	99
94) Hexachlorobutadiene	15.029	225	15882	21.303	ug/l	95
95) Naphthalene	15.145	128	47424	18.565	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	22413	18.566	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
Data File : VY019169.D
Acq On : 21 Aug 2024 15:05
Operator : SY/MD
Sample : VY0821SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0821SBSD01

Manual Integrations
APPROVED

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

Quant Time: Aug 22 01:13:35 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

