

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040424\
 Data File : VY017843.D
 Acq On : 04 Apr 2024 10:26
 Operator : SY/MD
 Sample : VY0404SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0404SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/05/2024
 Supervised By :Semsettin Yesilyurt 04/05/2024

Quant Time: Apr 05 00:43:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	157151	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	255841	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	224370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	102456	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	67943	49.962	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.920%		
35) Dibromofluoromethane	7.728	113	70084	47.407	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.820%		
50) Toluene-d8	10.191	98	254359	46.060	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	92.120%		
62) 4-Bromofluorobenzene	12.495	95	74487	44.333	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	88.660%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	23066	21.947	ug/l	97
3) Chloromethane	2.119	50	37919	18.486	ug/l	94
4) Vinyl Chloride	2.259	62	57353	21.395	ug/l	99
5) Bromomethane	2.656	94	55871	25.777	ug/l	95
6) Chloroethane	2.802	64	44031	25.175	ug/l	99
7) Trichlorofluoromethane	3.137	101	51107	19.550	ug/l	98
8) Diethyl Ether	3.540	74	15062	19.614	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.905	101	29811	19.015	ug/l	97
10) Methyl Iodide	4.107	142	30553	17.920	ug/l	99
11) Tert butyl alcohol	4.960	59	12451	110.717	ug/l #	97
12) 1,1-Dichloroethene	3.881	96	26606	18.136	ug/l	95
13) Acrolein	3.741	56	9388	98.537	ug/l	98
14) Allyl chloride	4.491	41	31347	17.417	ug/l	90
15) Acrylonitrile	5.180	53	32206	99.356	ug/l	99
16) Acetone	3.954	43	26611	94.668	ug/l	98
17) Carbon Disulfide	4.210	76	59021	14.216	ug/l	98
18) Methyl Acetate	4.491	43	12679	20.364	ug/l	98
19) Methyl tert-butyl Ether	5.228	73	70037	20.850	ug/l	99
20) Methylene Chloride	4.728	84	34957	18.628	ug/l	97
21) trans-1,2-Dichloroethene	5.234	96	29051	18.505	ug/l	96
22) Diisopropyl ether	6.137	45	80818	19.427	ug/l	95
23) Vinyl Acetate	6.076	43	246841	97.186	ug/l	98
24) 1,1-Dichloroethane	6.033	63	55036	19.933	ug/l	98
25) 2-Butanone	6.996	43	37921	94.697	ug/l	95
26) 2,2-Dichloropropane	6.996	77	47503	19.919	ug/l	97
27) cis-1,2-Dichloroethene	6.996	96	37040	19.964	ug/l	97
28) Bromochloromethane	7.344	49	23085	20.560	ug/l	96
29) Tetrahydrofuran	7.362	42	23142	96.313	ug/l	98
30) Chloroform	7.515	83	59438	20.748	ug/l	99
31) Cyclohexane	7.801	56	39786	16.608	ug/l	92
32) 1,1,1-Trichloroethane	7.710	97	50552	20.733	ug/l	98
36) 1,1-Dichloropropene	7.929	75	39256	18.199	ug/l	96
37) Ethyl Acetate	7.082	43	17112	18.383	ug/l	97
38) Carbon Tetrachloride	7.911	117	42521	18.989	ug/l	99
39) Methylcyclohexane	9.197	83	43907	16.296	ug/l	97
40) Benzene	8.173	78	123904	18.639	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040424\
 Data File : VY017843.D
 Acq On : 04 Apr 2024 10:26
 Operator : SY/MD
 Sample : VY0404SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0404SBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/05/2024
 Supervised By :Semsettin Yesilyurt 04/05/2024

Quant Time: Apr 05 00:43:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	7763m	16.585	ug/l	
42) 1,2-Dichloroethane	8.252	62	33501	20.475	ug/l	97
43) Isopropyl Acetate	8.283	43	33226	19.668	ug/l	95
44) Trichloroethene	8.953	130	32004	18.505	ug/l	96
45) 1,2-Dichloropropane	9.228	63	28980	18.761	ug/l	99
46) Dibromomethane	9.319	93	18041	20.557	ug/l	93
47) Bromodichloromethane	9.508	83	45921	20.709	ug/l	99
48) Methyl methacrylate	9.307	41	13336	20.541	ug/l	89
49) 1,4-Dioxane	9.313	88	3560	361.351	ug/l #	86
51) 4-Methyl-2-Pentanone	10.081	43	88395	114.029	ug/l	99
52) Toluene	10.258	92	75842	18.809	ug/l	98
53) t-1,3-Dichloropropene	10.477	75	38327	19.466	ug/l	96
54) cis-1,3-Dichloropropene	9.941	75	46032	19.156	ug/l	94
55) 1,1,2-Trichloroethane	10.654	97	23914	20.450	ug/l	96
56) Ethyl methacrylate	10.520	69	28326	21.906	ug/l #	94
57) 1,3-Dichloropropane	10.801	76	39520	19.982	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	79990	119.078	ug/l	100
59) 2-Hexanone	10.843	43	58472	108.645	ug/l	98
60) Dibromochloromethane	10.996	129	29406	19.938	ug/l	100
61) 1,2-Dibromoethane	11.099	107	21100	19.788	ug/l	100
64) Tetrachloroethene	10.733	164	35652	18.218	ug/l	98
65) Chlorobenzene	11.526	112	87633	19.040	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.599	131	29593	18.936	ug/l	100
67) Ethyl Benzene	11.605	91	144344	18.243	ug/l	98
68) m/p-Xylenes	11.715	106	110853	36.943	ug/l	98
69) o-Xylene	12.044	106	51500	22.121	ug/l	99
70) Styrene	12.056	104	88173	22.226	ug/l	100
71) Bromoform	12.221	173	17305	19.977	ug/l #	96
73) Isopropylbenzene	12.343	105	138788	19.330	ug/l	99
74) N-amyl acetate	12.154	43	27215	22.189	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.593	83	24515	19.738	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	18010m	19.290	ug/l	
77) Bromobenzene	12.623	156	32450	18.976	ug/l	99
78) n-propylbenzene	12.684	91	168185	19.197	ug/l	99
79) 2-Chlorotoluene	12.770	91	91192	19.002	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	106643	19.031	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	8055	22.017	ug/l	94
82) 4-Chlorotoluene	12.867	91	93902	18.897	ug/l	99
83) tert-Butylbenzene	13.087	119	97296	19.098	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	106163	19.023	ug/l	100
85) sec-Butylbenzene	13.264	105	147799	19.329	ug/l	99
86) p-Isopropyltoluene	13.379	119	122698	19.197	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	64228	18.928	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	63330	19.499	ug/l	99
89) n-Butylbenzene	13.709	91	112021	19.050	ug/l	97
90) Hexachloroethane	13.977	117	24919	19.607	ug/l	100
91) 1,2-Dichlorobenzene	13.751	146	54577	19.404	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	3163	18.845	ug/l	97
93) 1,2,4-Trichlorobenzene	15.019	180	27821	18.059	ug/l	100
94) Hexachlorobutadiene	15.123	225	17000	18.203	ug/l	99
95) Naphthalene	15.251	128	46547	21.270	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	23914	18.376	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040424\
Data File : VY017843.D
Acq On : 04 Apr 2024 10:26
Operator : SY/MD
Sample : VY0404SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024

Quant Time: Apr 05 00:43:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 05:58:13 2024
Response via : Initial Calibration

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

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

