

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012424\
 Data File : VY017092.D
 Acq On : 24 Jan 2024 14:50
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024

Quant Time: Jan 25 04:25:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:13:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	134208	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	232915	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	196380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	82757	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	6603	5.050	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	10.100%#		
35) Dibromofluoromethane	7.734	113	6748	4.800	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	9.600%#		
50) Toluene-d8	10.197	98	24640	4.641	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	9.280%#		
62) 4-Bromofluorobenzene	12.496	95	7627	4.663	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	9.320%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	7602	2.707	ug/l	98
3) Chloromethane	2.125	50	13365	4.144	ug/l	96
4) Vinyl Chloride	2.266	62	14373	2.995	ug/l	98
5) Bromomethane	2.674	94	11060	4.244	ug/l	95
6) Chloroethane	2.814	64	8929	3.580	ug/l	95
7) Trichlorofluoromethane	3.144	101	19958	5.905	ug/l	94
8) Diethyl Ether	3.546	74	4491	5.808	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.912	101	9044	6.025	ug/l	97
10) Methyl Iodide	4.119	142	6967	4.885	ug/l	99
11) Tert butyl alcohol	4.991	59	3195	31.022	ug/l #	75
12) 1,1-Dichloroethene	3.893	96	7995	5.818	ug/l	95
13) Acrolein	3.759	56	4300	27.420	ug/l	100
14) Allyl chloride	4.503	41	11847	5.704	ug/l	97
15) Acrylonitrile	5.192	53	9335	27.816	ug/l	98
16) Acetone	3.979	43	14794	15.838	ug/l	95
17) Carbon Disulfide	4.217	76	24244	5.854	ug/l	97
18) Methyl Acetate	4.503	43	7317	5.455	ug/l	100
19) Methyl tert-butyl Ether	5.253	73	18387	5.483	ug/l	99
20) Methylene Chloride	4.741	84	13919	3.984	ug/l	95
21) trans-1,2-Dichloroethene	5.247	96	8741	5.499	ug/l	95
22) Diisopropyl ether	6.143	45	24286	5.297	ug/l	98
23) Vinyl Acetate	6.088	43	60159	27.051	ug/l	99
24) 1,1-Dichloroethane	6.045	63	16400	5.865	ug/l	94
25) 2-Butanone	7.015	43	16138	24.023	ug/l	94
26) 2,2-Dichloropropane	7.009	77	13884	5.813	ug/l	98
27) cis-1,2-Dichloroethene	7.009	96	9614	5.458	ug/l	95
28) Bromochloromethane	7.350	49	5689	5.110	ug/l	99
29) Tetrahydrofuran	7.381	42	6853	25.846	ug/l	98
30) Chloroform	7.527	83	16392	5.757	ug/l	96
31) Cyclohexane	7.807	56	16210	4.099	ug/l #	78
32) 1,1,1-Trichloroethane	7.722	97	13743	5.629	ug/l	97
36) 1,1-Dichloropropene	7.941	75	12889	5.573	ug/l	98
37) Ethyl Acetate	7.100	43	5660	5.691	ug/l #	95
38) Carbon Tetrachloride	7.923	117	12657	5.584	ug/l	98
39) Methylcyclohexane	9.197	83	14603	5.249	ug/l	95
40) Benzene	8.179	78	36856	5.487	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012424\
 Data File : VY017092.D
 Acq On : 24 Jan 2024 14:50
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024

Quant Time: Jan 25 04:25:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:13:31 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	3230	6.073	ug/l	89
42) 1,2-Dichloroethane	8.252	62	9522	5.468	ug/l	98
43) Isopropyl Acetate	8.295	43	9836	5.298	ug/l #	88
44) Trichloroethene	8.960	130	9226	5.355	ug/l	94
45) 1,2-Dichloropropane	9.228	63	8923	5.412	ug/l	98
46) Dibromomethane	9.319	93	4893	5.588	ug/l	98
47) Bromodichloromethane	9.514	83	12142	5.451	ug/l	98
48) Methyl methacrylate	9.313	41	4843	4.698	ug/l	91
49) 1,4-Dioxane	9.325	88	882	102.424	ug/l	96
51) 4-Methyl-2-Pentanone	10.081	43	25514	25.834	ug/l	95
52) Toluene	10.258	92	20699	5.091	ug/l	95
53) t-1,3-Dichloropropene	10.484	75	10646	5.232	ug/l	96
54) cis-1,3-Dichloropropene	9.941	75	12747	5.093	ug/l	92
55) 1,1,2-Trichloroethane	10.660	97	7023	5.739	ug/l	93
56) Ethyl methacrylate	10.520	69	5057	4.726	ug/l	95
57) 1,3-Dichloropropane	10.807	76	11374	5.498	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	15350	20.665	ug/l	99
59) 2-Hexanone	10.843	43	19946	26.472	ug/l	99
60) Dibromochloromethane	10.996	129	7752	5.453	ug/l	96
61) 1,2-Dibromoethane	11.106	107	6036	5.430	ug/l	98
64) Tetrachloroethene	10.734	164	7709	5.632	ug/l	95
65) Chlorobenzene	11.526	112	23110	5.553	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.599	131	8081	5.316	ug/l	96
67) Ethyl Benzene	11.605	91	38911	5.143	ug/l	97
68) m/p-Xylenes	11.715	106	29266	10.296	ug/l	99
69) o-Xylene	12.044	106	12815	4.963	ug/l	96
70) Styrene	12.057	104	18019	4.807	ug/l	98
71) Bromoform	12.221	173	4106	5.387	ug/l #	99
73) Isopropylbenzene	12.343	105	36049	5.299	ug/l	99
74) N-amyl acetate	12.154	43	6820	4.973	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.593	83	7338	5.656	ug/l	99
76) 1,2,3-Trichloropropane	12.648	75	5383m	3.441	ug/l	
77) Bromobenzene	12.624	156	7794	5.294	ug/l	97
78) n-propylbenzene	12.685	91	42561	5.201	ug/l	99
79) 2-Chlorotoluene	12.770	91	24475	5.451	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	27467	5.101	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	2174	5.603	ug/l	93
82) 4-Chlorotoluene	12.867	91	25766	5.537	ug/l	97
83) tert-Butylbenzene	13.087	119	23817	5.114	ug/l	99
84) 1,2,4-Trimethylbenzene	13.130	105	27420	5.124	ug/l	100
85) sec-Butylbenzene	13.264	105	36135	5.240	ug/l	98
86) p-Isopropyltoluene	13.380	119	28967	5.043	ug/l	99
87) 1,3-Dichlorobenzene	13.380	146	15563	5.355	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	16266	5.688	ug/l	97
89) n-Butylbenzene	13.709	91	28783	5.195	ug/l	100
90) Hexachloroethane	13.971	117	6550	5.471	ug/l	97
91) 1,2-Dichlorobenzene	13.751	146	13590	5.475	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	949	5.728	ug/l	91
93) 1,2,4-Trichlorobenzene	15.019	180	6710	5.173	ug/l	96
94) Hexachlorobutadiene	15.123	225	4501	5.766	ug/l	97
95) Naphthalene	15.251	128	11027	4.814	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	5662	5.247	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012424\
Data File : VY017092.D
Acq On : 24 Jan 2024 14:50
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

Quant Time: Jan 25 04:25:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 25 04:13:31 2024
Response via : Initial Calibration

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

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

