

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040822\
 Data File : VY008252.D
 Acq On : 08 Apr 2022 11:22
 Operator : KP/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/11/2022
 Supervised By :Semsettin Yesilyurt 04/11/2022

Quant Time: Apr 08 12:57:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 12:53:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	104506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	184690	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	177800	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82316	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	6528	6.449	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	12.900%#		
35) Dibromofluoromethane	7.716	113	6093	5.411	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.820%#		
50) Toluene-d8	10.179	98	22583	5.405	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	10.800%#		
62) 4-Bromofluorobenzene	12.483	95	8214	5.551	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	11.100%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	4382	4.917	ug/l	100
3) Chloromethane	2.113	50	6996	6.351	ug/l	94
4) Vinyl Chloride	2.253	62	8824	6.012	ug/l	96
5) Bromomethane	2.650	94	8585	7.063	ug/l	96
6) Chloroethane	2.796	64	6151	6.291	ug/l	92
7) Trichlorofluoromethane	3.131	101	10159	5.479	ug/l	100
8) Diethyl Ether	3.527	74	3862	6.368	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.905	101	6698	5.788	ug/l	92
10) Methyl Iodide	4.094	142	5792	4.892	ug/l	91
11) Tert butyl alcohol	4.942	59	3685	35.424	ug/l	99
12) 1,1-Dichloroethene	3.875	96	5717	5.360	ug/l #	77
13) Acrolein	3.735	56	2036	22.646	ug/l	91
14) Allyl chloride	4.479	41	7780	5.546	ug/l #	88
15) Acrylonitrile	5.161	53	10146	34.930	ug/l	95
16) Acetone	3.948	43	7556	32.763	ug/l #	77
17) Carbon Disulfide	4.192	76	15617	5.265	ug/l	98
18) Methyl Acetate	4.479	43	7854	10.004	ug/l #	83
19) Methyl tert-butyl Ether	5.216	73	20040	6.521	ug/l	99
20) Methylene Chloride	4.716	84	11973	8.639	ug/l #	83
21) trans-1,2-Dichloroethene	5.222	96	7284	5.863	ug/l	84
22) Diisopropyl ether	6.118	45	19898	6.500	ug/l #	86
23) Vinyl Acetate	6.064	43	50947	27.046	ug/l #	88
24) 1,1-Dichloroethane	6.015	63	12360	6.125	ug/l #	96
25) 2-Butanone	6.984	43	11829	33.679	ug/l #	81
26) 2,2-Dichloropropane	6.984	77	10908	5.720	ug/l	92
27) cis-1,2-Dichloroethene	6.984	96	8859	6.103	ug/l	81
28) Bromochloromethane	7.332	49	4929	6.929	ug/l #	70
29) Tetrahydrofuran	7.350	42	7970	34.827	ug/l #	77
30) Chloroform	7.508	83	13193	6.007	ug/l	94
31) Cyclohexane	7.783	56	11780	6.257	ug/l #	59
32) 1,1,1-Trichloroethane	7.697	97	11231	5.578	ug/l	94
36) 1,1-Dichloropropene	7.923	75	9746	5.534	ug/l	96
37) Ethyl Acetate	7.069	43	5295	6.408	ug/l #	91
38) Carbon Tetrachloride	7.899	117	9567	4.990	ug/l	99
39) Methylcyclohexane	9.179	83	12428	5.259	ug/l #	85
40) Benzene	8.161	78	28489	5.620	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040822\
 Data File : VY008252.D
 Acq On : 08 Apr 2022 11:22
 Operator : KP/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/11/2022
 Supervised By :Semsettin Yesilyurt 04/11/2022

Quant Time: Apr 08 12:57:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 12:53:57 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	2625m	6.194	ug/l	
42) 1,2-Dichloroethane	8.234	62	8737	6.113	ug/l	87
43) Isopropyl Acetate	8.271	43	10092	6.247	ug/l #	87
44) Trichloroethene	8.941	130	8215	5.600	ug/l	100
45) 1,2-Dichloropropane	9.215	63	7228	6.014	ug/l	93
46) Dibromomethane	9.307	93	4956	6.277	ug/l	92
47) Bromodichloromethane	9.496	83	10528	5.832	ug/l	97
48) Methyl methacrylate	9.289	41	4143	5.851	ug/l #	83
49) 1,4-Dioxane	9.301	88	1110	106.626	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	25418	31.214	ug/l #	85
52) Toluene	10.246	92	19102	5.755	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	10294	5.583	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	11501	5.502	ug/l #	85
55) 1,1,2-Trichloroethane	10.642	97	6754	6.176	ug/l	97
56) Ethyl methacrylate	10.508	69	7878	5.603	ug/l #	76
57) 1,3-Dichloropropane	10.788	76	10941	6.123	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.782	63	21147	35.864	ug/l	92
59) 2-Hexanone	10.831	43	17275	30.465	ug/l	82
60) Dibromochloromethane	10.983	129	7192	5.424	ug/l	99
61) 1,2-Dibromoethane	11.087	107	6259	5.774	ug/l	97
64) Tetrachloroethene	10.721	164	7290	5.484	ug/l	97
65) Chlorobenzene	11.520	112	21195	5.427	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	6952	4.808	ug/l	90
67) Ethyl Benzene	11.593	91	35489	5.203	ug/l	99
68) m/p-Xylenes	11.703	106	27020	9.978	ug/l	92
69) o-Xylene	12.032	106	13120	5.044	ug/l	90
70) Styrene	12.044	104	20888	4.906	ug/l	95
71) Bromoform	12.209	173	4030	4.645	ug/l #	96
73) Isopropylbenzene	12.331	105	33433	5.069	ug/l	99
74) N-amyl acetate	12.148	43	7761	5.386	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.581	83	7974	6.183	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	6186m	6.255	ug/l	
77) Bromobenzene	12.611	156	8058	5.304	ug/l	97
78) n-propylbenzene	12.672	91	39796	5.108	ug/l	99
79) 2-Chlorotoluene	12.758	91	23072	5.345	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	27282	5.048	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	2133	4.912	ug/l	88
82) 4-Chlorotoluene	12.855	91	23323	5.264	ug/l	95
83) tert-Butylbenzene	13.075	119	24537	5.102	ug/l	91
84) 1,2,4-Trimethylbenzene	13.123	105	26654	5.048	ug/l	97
85) sec-Butylbenzene	13.257	105	35689	5.010	ug/l	99
86) p-Isopropyltoluene	13.373	119	28977	4.888	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	15943	5.277	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	16020	5.322	ug/l	95
89) n-Butylbenzene	13.696	91	27633	5.068	ug/l	99
90) Hexachloroethane	13.965	117	5473	4.789	ug/l	82
91) 1,2-Dichlorobenzene	13.739	146	14101	5.306	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1079	5.305	ug/l	83
93) 1,2,4-Trichlorobenzene	15.007	180	7909	4.974	ug/l	99
94) Hexachlorobutadiene	15.117	225	4153	4.936	ug/l	98
95) Naphthalene	15.239	128	16581	4.762	ug/l	97
96) 1,2,3-Trichlorobenzene	15.428	180	7004	5.091	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040822\
Data File : VY008252.D
Acq On : 08 Apr 2022 11:22
Operator : KP/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 04/11/2022
Supervised By :Semsettin Yesilyurt 04/11/2022

Quant Time: Apr 08 12:57:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 08 12:53:57 2022
Response via : Initial Calibration

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

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

