

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060822\
 Data File : VY009175.D
 Acq On : 08 Jun 2022 17:16
 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 06/09/2022
 Supervised By :Semsettin Yesilyurt 06/10/2022

Quant Time: Jun 09 02:28:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060822S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 02:23:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	147159	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	238717	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	220754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	105158	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	7357	5.356	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	10.720%#		
35) Dibromofluoromethane	7.710	113	6683	5.015	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.040%#		
50) Toluene-d8	10.173	98	23245	4.864	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	9.720%#		
62) 4-Bromofluorobenzene	12.477	95	7810	3.946	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	7.900%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	6712	5.409	ug/l	97
3) Chloromethane	2.107	50	13286	5.543	ug/l	98
4) Vinyl Chloride	2.247	62	19356	5.227	ug/l	96
5) Bromomethane	2.637	94	19446	5.453	ug/l	95
6) Chloroethane	2.784	64	14079	5.292	ug/l	95
7) Trichlorofluoromethane	3.119	101	13944	5.331	ug/l	90
8) Diethyl Ether	3.521	74	3899	5.059	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.887	101	7593	5.287	ug/l	91
10) Methyl Iodide	4.076	142	4952	3.543	ug/l	94
11) Tert butyl alcohol	4.942	59	4707	30.115	ug/l #	92
12) 1,1-Dichloroethene	3.863	96	6665	5.070	ug/l	82
13) Acrolein	3.735	56	1070	15.456	ug/l	100
14) Allyl chloride	4.460	41	9761	5.052	ug/l #	89
15) Acrylonitrile	5.149	53	10421	25.025	ug/l	95
16) Acetone	3.936	43	9388	29.909	ug/l #	87
17) Carbon Disulfide	4.180	76	19770	4.754	ug/l #	95
18) Methyl Acetate	4.472	43	9883	8.992	ug/l #	88
19) Methyl tert-butyl Ether	5.216	73	18185	4.465	ug/l #	84
20) Methylene Chloride	4.704	84	16631	7.780	ug/l	89
21) trans-1,2-Dichloroethene	5.210	96	8087	4.869	ug/l #	67
22) Diisopropyl ether	6.112	45	19493	3.982	ug/l #	93
23) Vinyl Acetate	6.051	43	50429	15.758	ug/l	95
24) 1,1-Dichloroethane	6.009	63	13736	4.845	ug/l	98
25) 2-Butanone	6.978	43	13950	25.361	ug/l #	90
26) 2,2-Dichloropropane	6.978	77	14908	5.561	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	9096	4.828	ug/l	92
28) Bromochloromethane	7.319	49	6865	5.228	ug/l #	16
29) Tetrahydrofuran	7.338	42	8367	22.675	ug/l #	87
30) Chloroform	7.502	83	15038	4.897	ug/l	98
31) Cyclohexane	7.777	56	14930	5.450	ug/l #	80
32) 1,1,1-Trichloroethane	7.697	97	13236	4.830	ug/l	97
36) 1,1-Dichloropropene	7.905	75	11082	4.623	ug/l	94
37) Ethyl Acetate	7.069	43	5601	4.415	ug/l #	83
38) Carbon Tetrachloride	7.892	117	11972	4.751	ug/l #	88
39) Methylcyclohexane	9.179	83	11810	3.982	ug/l	94
40) Benzene	8.155	78	32598	4.720	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060822\
 Data File : VY009175.D
 Acq On : 08 Jun 2022 17:16
 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 06/09/2022
 Supervised By :Semsettin Yesilyurt 06/10/2022

Quant Time: Jun 09 02:28:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060822S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 02:23:04 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	3392m	4.245	ug/l	
42) 1,2-Dichloroethane	8.228	62	10239	4.838	ug/l	94
43) Isopropyl Acetate	8.270	43	10936	4.443	ug/l #	92
44) Trichloroethene	8.935	130	8661	4.773	ug/l	89
45) 1,2-Dichloropropane	9.215	63	7949	4.716	ug/l	100
46) Dibromomethane	9.301	93	5081	4.630	ug/l	86
47) Bromodichloromethane	9.490	83	11598	4.677	ug/l	96
48) Methyl methacrylate	9.289	41	4476	4.125	ug/l #	81
49) 1,4-Dioxane	9.282	88	1288	87.707	ug/l	86
51) 4-Methyl-2-Pentanone	10.069	43	28847	20.988	ug/l	95
52) Toluene	10.240	92	19421	4.134	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	10759	4.074	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	12968	4.558	ug/l #	82
55) 1,1,2-Trichloroethane	10.642	97	6512	4.403	ug/l	91
56) Ethyl methacrylate	10.508	69	6833	3.550	ug/l	95
57) 1,3-Dichloropropane	10.788	76	10985	4.510	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.776	63	16665	16.837	ug/l	95
59) 2-Hexanone	10.831	43	18473	19.874	ug/l	95
60) Dibromochloromethane	10.983	129	7842	4.304	ug/l	95
61) 1,2-Dibromoethane	11.087	107	6292	4.308	ug/l	99
64) Tetrachloroethene	10.721	164	8007	4.825	ug/l	88
65) Chlorobenzene	11.514	112	21714	4.560	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	8145	4.593	ug/l	98
67) Ethyl Benzene	11.593	91	35793	4.179	ug/l	99
68) m/p-Xylenes	11.703	106	27688	7.862	ug/l	92
69) o-Xylene	12.026	106	12363	3.716	ug/l	94
70) Styrene	12.044	104	20409	3.387	ug/l	95
71) Bromoform	12.203	173	5079	3.923	ug/l #	90
73) Isopropylbenzene	12.325	105	32957	4.555	ug/l	99
74) N-amyl acetate	12.142	43	8472	4.443	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	8517	5.558	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	6637m	5.299	ug/l	
77) Bromobenzene	12.605	156	8940	5.368	ug/l	93
78) n-propylbenzene	12.672	91	42454	4.778	ug/l	100
79) 2-Chlorotoluene	12.757	91	23131	4.818	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	27553	4.496	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	2570	4.867	ug/l	90
82) 4-Chlorotoluene	12.849	91	24255	4.574	ug/l	95
83) tert-Butylbenzene	13.074	119	24269	4.480	ug/l	91
84) 1,2,4-Trimethylbenzene	13.123	105	26133	4.276	ug/l	93
85) sec-Butylbenzene	13.251	105	37434	4.457	ug/l	99
86) p-Isopropyltoluene	13.367	119	30837	4.254	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	17861	4.736	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	18833	5.085	ug/l	96
89) n-Butylbenzene	13.696	91	29665	4.507	ug/l	98
90) Hexachloroethane	13.965	117	6816	5.238	ug/l	83
91) 1,2-Dichlorobenzene	13.739	146	14935	4.519	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1175	5.218	ug/l	83
93) 1,2,4-Trichlorobenzene	15.013	180	8814	5.107	ug/l	99
94) Hexachlorobutadiene	15.111	225	5579	5.759	ug/l	97
95) Naphthalene	15.233	128	15001	4.355	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	7820	5.159	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060822\
Data File : VY009175.D
Acq On : 08 Jun 2022 17:16
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 06/09/2022
Supervised By :Semsettin Yesilyurt 06/10/2022

Quant Time: Jun 09 02:28:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060822S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 09 02:23:04 2022
Response via : Initial Calibration

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

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

