

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062822\
 Data File : VY009366.D
 Acq On : 28 Jun 2022 14:42
 Operator : KP/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/30/2022
 Supervised By : Mahesh Dadoda 06/30/2022

Quant Time: Jun 28 15:10:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 15:02:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	144580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	233854	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	216467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	111620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	23812	17.724	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	35.440%#
35) Dibromofluoromethane	7.710	113	26257	19.164	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	38.320%#
50) Toluene-d8	10.173	98	81261	16.742	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	33.480%#
62) 4-Bromofluorobenzene	12.477	95	39482	20.481	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	40.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	24420	20.355	ug/l	99
3) Chloromethane	2.107	50	26103	21.662	ug/l	90
4) Vinyl Chloride	2.241	62	31170	21.658	ug/l	97
5) Bromomethane	2.631	94	19119	20.251	ug/l	94
6) Chloroethane	2.778	64	16618	21.097	ug/l	98
7) Trichlorofluoromethane	3.113	101	41326	20.604	ug/l	95
8) Diethyl Ether	3.521	74	15637	21.379	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.893	101	29304	21.389	ug/l	95
10) Methyl Iodide	4.076	142	33643	20.658	ug/l #	88
11) Tert butyl alcohol	4.942	59	27898	101.842	ug/l #	89
12) 1,1-Dichloroethene	3.863	96	26126	20.560	ug/l	87
13) Acrolein	3.716	56	11002	111.815	ug/l	99
14) Allyl chloride	4.472	41	47361	20.322	ug/l	96
15) Acrylonitrile	5.155	53	47887	112.801	ug/l	96
16) Acetone	3.942	43	37563	105.166	ug/l #	88
17) Carbon Disulfide	4.186	76	71429	20.101	ug/l	98
18) Methyl Acetate	4.466	43	23799	21.382	ug/l	93
19) Methyl tert-butyl Ether	5.210	73	81018	21.274	ug/l	98
20) Methylene Chloride	4.704	84	45148	24.274	ug/l	96
21) trans-1,2-Dichloroethene	5.210	96	31117	20.166	ug/l	90
22) Diisopropyl ether	6.112	45	108551	22.038	ug/l	98
23) Vinyl Acetate	6.051	43	345641	112.841	ug/l	95
24) 1,1-Dichloroethane	6.009	63	59032	20.983	ug/l	98
25) 2-Butanone	6.978	43	64399	109.909	ug/l	91
26) 2,2-Dichloropropane	6.972	77	52834	19.995	ug/l	94
27) cis-1,2-Dichloroethene	6.972	96	36264	20.214	ug/l	91
28) Bromochloromethane	7.325	49	24700	20.388	ug/l	92
29) Tetrahydrofuran	7.338	42	41868	110.453	ug/l	93
30) Chloroform	7.502	83	59357	20.450	ug/l	100
31) Cyclohexane	7.777	56	51282	20.185	ug/l	95
32) 1,1,1-Trichloroethane	7.697	97	51177	20.157	ug/l	98
36) 1,1-Dichloropropene	7.911	75	44366	19.985	ug/l	99
37) Ethyl Acetate	7.069	43	28739	21.917	ug/l	98
38) Carbon Tetrachloride	7.899	117	45412	19.331	ug/l	95
39) Methylcyclohexane	9.179	83	50944	19.724	ug/l	89
40) Benzene	8.149	78	133351	20.452	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062822\
 Data File : VY009366.D
 Acq On : 28 Jun 2022 14:42
 Operator : KP/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/30/2022
 Supervised By : Mahesh Dadoda 06/30/2022

Quant Time: Jun 28 15:10:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 15:02:48 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	17707m	12.957	ug/l	
42) 1,2-Dichloroethane	8.234	62	38517	20.521	ug/l	92
43) Isopropyl Acetate	8.270	43	51584	21.369	ug/l #	93
44) Trichloroethene	8.935	130	37066	20.552	ug/l	100
45) 1,2-Dichloropropane	9.209	63	33777	20.158	ug/l	94
46) Dibromomethane	9.301	93	19561	20.751	ug/l	98
47) Bromodichloromethane	9.490	83	45970	20.612	ug/l	97
48) Methyl methacrylate	9.289	41	22290	21.422	ug/l #	89
49) 1,4-Dioxane	9.289	88	5944	469.345	ug/l	89
51) 4-Methyl-2-Pentanone	10.063	43	140066	112.301	ug/l	94
52) Toluene	10.240	92	84828	20.715	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	35574	15.166	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	55902	21.001	ug/l #	88
55) 1,1,2-Trichloroethane	10.636	97	20926	15.825	ug/l	91
56) Ethyl methacrylate	10.502	69	26200	15.203	ug/l	89
57) 1,3-Dichloropropane	10.788	76	45674	20.287	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	90895	102.821	ug/l	97
59) 2-Hexanone	10.825	43	96751	114.008	ug/l	92
60) Dibromochloromethane	10.983	129	33113	20.697	ug/l	98
61) 1,2-Dibromoethane	11.087	107	26527	21.195	ug/l	98
64) Tetrachloroethene	10.715	164	35556	18.231	ug/l	99
65) Chlorobenzene	11.514	112	94926	20.490	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	34680	20.451	ug/l	96
67) Ethyl Benzene	11.587	91	164675	20.496	ug/l	97
68) m/p-Xylenes	11.697	106	132342	42.189	ug/l	92
69) o-Xylene	12.026	106	61509	20.494	ug/l	92
70) Styrene	12.038	104	103416	20.798	ug/l	97
71) Bromoform	12.203	173	20723	20.104	ug/l #	100
73) Isopropylbenzene	12.325	105	158374	19.505	ug/l	100
74) N-amyl acetate	12.142	43	44518	20.254	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.575	83	31894	20.633	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	27834m	12.754	ug/l	
77) Bromobenzene	12.605	156	37784	19.213	ug/l	97
78) n-propylbenzene	12.666	91	197907	20.099	ug/l	98
79) 2-Chlorotoluene	12.751	91	109903	20.126	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	135977	20.414	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.373	75	11723	20.641	ug/l	86
82) 4-Chlorotoluene	12.849	91	116196	20.342	ug/l	98
83) tert-Butylbenzene	13.074	119	115159	19.951	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	135660	20.844	ug/l	97
85) sec-Butylbenzene	13.251	105	176981	20.681	ug/l	99
86) p-Isopropyltoluene	13.367	119	148018	20.527	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	78186	20.498	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	80277	20.502	ug/l	98
89) n-Butylbenzene	13.696	91	139643	20.668	ug/l	99
90) Hexachloroethane	13.958	117	28060	19.767	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	71679	20.789	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5975	22.668	ug/l	91
93) 1,2,4-Trichlorobenzene	15.001	180	41200	20.397	ug/l	98
94) Hexachlorobutadiene	15.111	225	23443	20.656	ug/l	98
95) Naphthalene	15.233	128	84205	21.632	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	36397	21.179	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062822\
 Data File : VY009366.D
 Acq On : 28 Jun 2022 14:42
 Operator : KP/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
ClientSampleId :
 VSTDICC020

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/30/2022
 Supervised By :Mahesh Dadoda 06/30/2022

Quant Time: Jun 28 15:10:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 15:02:48 2022
 Response via : Initial Calibration

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

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

