

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092821\
 Data File : VY006182.D
 Acq On : 28 Sep 2021 12:24
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 9/29/2021 6:33:15 PM

Quant Time: Sep 28 17:28:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:25:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	191088	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	292701	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	270593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	135221	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	20961	10.053	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	20.100%#
35) Dibromofluoromethane	7.722	113	15814	10.065	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	20.140%#
50) Toluene-d8	10.185	98	66142	10.055	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	20.100%#
62) 4-Bromofluorobenzene	12.483	95	22968	10.093	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	20.180%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	20783	10.251	ug/l	97
3) Chloromethane	2.119	50	22683	9.964	ug/l	99
4) Vinyl Chloride	2.253	62	26346	10.125	ug/l	98
5) Bromomethane	2.656	94	17615	10.088	ug/l	96
6) Chloroethane	2.802	64	14868	9.714	ug/l	90
7) Trichlorofluoromethane	3.137	101	33438	9.870	ug/l	100
8) Diethyl Ether	3.534	74	10717	9.685	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.905	101	17992	9.974	ug/l	97
10) Methyl Iodide	4.100	142	16704	9.090	ug/l	96
11) Tert butyl alcohol	4.960	59	8665	47.540	ug/l #	91
12) 1,1-Dichloroethene	3.887	96	18087	9.903	ug/l	87
13) Acrolein	3.735	56	3862	36.253	ug/l	96
14) Allyl chloride	4.491	41	32208	9.268	ug/l	97
15) Acrylonitrile	5.173	53	27066	46.809	ug/l	99
16) Acetone	3.954	43	25165	44.111	ug/l	94
17) Carbon Disulfide	4.204	76	60642	9.831	ug/l	99
18) Methyl Acetate	4.485	43	17996	9.271	ug/l	100
19) Methyl tert-butyl Ether	5.234	73	49674	9.464	ug/l	97
20) Methylene Chloride	4.728	84	22460	9.972	ug/l	92
21) trans-1,2-Dichloroethene	5.222	96	19192	9.487	ug/l	91
22) Diisopropyl ether	6.125	45	66081	9.583	ug/l	97
23) Vinyl Acetate	6.070	43	193395	47.010	ug/l	98
24) 1,1-Dichloroethane	6.021	63	35697	9.661	ug/l	100
25) 2-Butanone	6.996	43	36428	45.367	ug/l	99
26) 2,2-Dichloropropane	6.984	77	33275	9.681	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	21653	9.608	ug/l	95
28) Bromochloromethane	7.344	49	15485	10.305	ug/l	98
29) Tetrahydrofuran	7.356	42	23363	46.213	ug/l	96
30) Chloroform	7.515	83	36379	9.867	ug/l	97
31) Cyclohexane	7.789	56	40306	9.973	ug/l #	91
32) 1,1,1-Trichloroethane	7.710	97	32882	9.568	ug/l	99
36) 1,1-Dichloropropene	7.923	75	29280	9.951	ug/l	100
37) Ethyl Acetate	7.082	43	15743	9.355	ug/l	98
38) Carbon Tetrachloride	7.905	117	29934	9.651	ug/l	100
39) Methylcyclohexane	9.185	83	36253	9.890	ug/l	96
40) Benzene	8.167	78	81045	9.670	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092821\
 Data File : VY006182.D
 Acq On : 28 Sep 2021 12:24
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 9/29/2021 6:33:15 PM

Quant Time: Sep 28 17:28:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:25:19 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	11545m	10.431	ug/l	
42) 1,2-Dichloroethane	8.246	62	25705	9.515	ug/l	95
43) Isopropyl Acetate	8.277	43	30413	9.256	ug/l	95
44) Trichloroethene	8.947	130	21195	9.770	ug/l	98
45) 1,2-Dichloropropane	9.222	63	19643	9.704	ug/l	91
46) Dibromomethane	9.307	93	10623	9.548	ug/l	99
47) Bromodichloromethane	9.502	83	26790	9.512	ug/l	99
48) Methyl methacrylate	9.295	41	14540	9.290	ug/l	95
49) 1,4-Dioxane	9.301	88	2688	188.789	ug/l	98
51) 4-Methyl-2-Pentanone	10.075	43	78887	46.614	ug/l	96
52) Toluene	10.246	92	50478	9.755	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	28630	9.435	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	32183	9.569	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	14710	9.472	ug/l	94
56) Ethyl methacrylate	10.514	69	22061	9.602	ug/l	90
57) 1,3-Dichloropropane	10.794	76	26250	9.450	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	54333	48.165	ug/l	98
59) 2-Hexanone	10.837	43	54515	44.810	ug/l	95
60) Dibromochloromethane	10.983	129	17619	9.470	ug/l	100
61) 1,2-Dibromoethane	11.093	107	13982	9.525	ug/l	97
64) Tetrachloroethene	10.721	164	22111	9.819	ug/l	91
65) Chlorobenzene	11.520	112	52527	9.624	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	18985	9.641	ug/l	99
67) Ethyl Benzene	11.593	91	97920	9.643	ug/l	100
68) m/p-Xylenes	11.703	106	73212	19.098	ug/l	98
69) o-Xylene	12.032	106	34239	9.423	ug/l	100
70) Styrene	12.044	104	57580	9.396	ug/l	98
71) Bromoform	12.209	173	11669	9.430	ug/l #	100
73) Isopropylbenzene	12.331	105	93658	9.685	ug/l	99
74) N-amyl acetate	12.142	43	27862	9.347	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	16241	9.281	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	11753m	18.577	ug/l	
77) Bromobenzene	12.611	156	22137	9.678	ug/l	96
78) n-propylbenzene	12.672	91	115499	9.675	ug/l	100
79) 2-Chlorotoluene	12.757	91	64572	9.734	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	78380	9.678	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	6078	9.185	ug/l	95
82) 4-Chlorotoluene	12.855	91	66587	9.687	ug/l	99
83) tert-Butylbenzene	13.074	119	67405	9.552	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	77036	9.575	ug/l	98
85) sec-Butylbenzene	13.257	105	102805	9.726	ug/l	100
86) p-Isopropyltoluene	13.367	119	86836	9.743	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	43715	9.632	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	43653	9.650	ug/l	98
89) n-Butylbenzene	13.696	91	81093	9.583	ug/l	98
90) Hexachloroethane	13.958	117	15816	9.720	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	38710	9.688	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3151	9.387	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	25142	9.339	ug/l	99
94) Hexachlorobutadiene	15.111	225	17094	9.784	ug/l	98
95) Naphthalene	15.239	128	47775	9.139	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	22153	9.261	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092821\
Data File : VY006182.D
Acq On : 28 Sep 2021 12:24
Operator : SY/MD
Sample : VSTDIC010
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Manual Integrations
APPROVED

MMDadoda
9/29/2021 6:33:15 PM

Quant Time: Sep 28 17:28:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 28 17:25:19 2021
Response via : Initial Calibration

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

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

