

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041323\
 Data File : VD075653.D
 Acq On : 13 Apr 2023 10:50
 Operator : KP/SY
 Sample : VSTDICC010
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

Quant Time: Apr 13 14:07:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:07:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	200791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	352668	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	327381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	153468	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	19518	10.241	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	20.480%#
35) Dibromofluoromethane	7.810	113	24411	10.291	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	20.580%#
50) Toluene-d8	10.269	98	89792	9.453	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	18.900%#
62) 4-Bromofluorobenzene	12.575	95	23786	9.421	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	18.840%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	21522	11.536	ug/l	95
3) Chloromethane	2.146	50	37698	11.190	ug/l	95
4) Vinyl Chloride	2.281	62	52200	11.677	ug/l	99
5) Bromomethane	2.687	94	38888	11.141	ug/l	97
6) Chloroethane	2.834	64	33037	10.976	ug/l	100
7) Trichlorofluoromethane	3.169	101	38245	11.042	ug/l	99
8) Diethyl Ether	3.593	74	11122	10.317	ug/l	68
9) 1,1,2-Trichlorotrifluo...	3.975	101	23671	10.898	ug/l	94
10) Methyl Iodide	4.163	142	29528	9.933	ug/l	89
11) Tert butyl alcohol	5.057	59	4650	48.614	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	23849	10.604	ug/l	84
13) Acrolein	3.799	56	9581	49.659	ug/l	99
14) Allyl chloride	4.563	41	20997	10.251	ug/l #	81
15) Acrylonitrile	5.252	53	20315	50.453	ug/l	93
16) Acetone	4.028	43	16621	47.603	ug/l #	77
17) Carbon Disulfide	4.275	76	81475	11.070	ug/l #	93
18) Methyl Acetate	4.563	43	11845	10.060	ug/l #	62
19) Methyl tert-butyl Ether	5.322	73	42141	9.655	ug/l	93
20) Methylene Chloride	4.799	84	35923	9.570	ug/l #	76
21) trans-1,2-Dichloroethene	5.310	96	27349	10.211	ug/l #	76
22) Diisopropyl ether	6.210	45	46660	10.082	ug/l #	87
23) Vinyl Acetate	6.157	43	106486	49.535	ug/l #	78
24) 1,1-Dichloroethane	6.104	63	41247	10.755	ug/l	95
25) 2-Butanone	7.081	43	22048	49.043	ug/l #	69
26) 2,2-Dichloropropane	7.081	77	37359	10.745	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	30128	10.154	ug/l	83
28) Bromochloromethane	7.428	49	12991	10.716	ug/l #	51
29) Tetrahydrofuran	7.446	42	11764	47.851	ug/l #	54
30) Chloroform	7.593	83	46775	10.759	ug/l	98
31) Cyclohexane	7.875	56	32758	10.953	ug/l #	51
32) 1,1,1-Trichloroethane	7.793	97	38600	10.888	ug/l	96
36) 1,1-Dichloropropene	8.004	75	35852	10.956	ug/l	93
37) Ethyl Acetate	7.169	43	10428	10.471	ug/l #	90
38) Carbon Tetrachloride	7.998	117	30072	10.435	ug/l	98
39) Methylcyclohexane	9.275	83	37072	9.797	ug/l	97
40) Benzene	8.251	78	105760	10.396	ug/l	99

04/14/2023
 Supervised By :Mahesh
 adoda

04/14/2023

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041323\
 Data File : VD075653.D
 Acq On : 13 Apr 2023 10:50
 Operator : KP/SY
 Sample : VSTDICC010
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

Quant Time: Apr 13 14:07:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:07:05 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.399	41	4836	10.119	ug/l	#	58
42) 1,2-Dichloroethane	8.328	62	24230	10.486	ug/l		91
43) Isopropyl Acetate	8.363	43	18015	9.920	ug/l	#	78
44) Trichloroethene	9.028	130	29680	10.309	ug/l		90
45) 1,2-Dichloropropane	9.310	63	23646	10.372	ug/l		99
46) Dibromomethane	9.398	93	14630	10.116	ug/l		96
47) Bromodichloromethane	9.587	83	34342	10.381	ug/l		94
48) Methyl methacrylate	9.381	41	7357	9.093	ug/l	#	62
49) 1,4-Dioxane	9.393	88	2544	177.296	ug/l	#	71
51) 4-Methyl-2-Pentanone	10.163	43	45530	47.023	ug/l	#	85
52) Toluene	10.334	92	65960	9.751	ug/l		97
53) t-1,3-Dichloropropene	10.557	75	29907	9.431	ug/l		96
54) cis-1,3-Dichloropropene	10.016	75	36718	9.745	ug/l	#	75
55) 1,1,2-Trichloroethane	10.734	97	20403	9.743	ug/l		90
56) Ethyl methacrylate	10.598	69	17211	8.352	ug/l	#	70
57) 1,3-Dichloropropane	10.881	76	31333	9.856	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.875	63	39402	44.520	ug/l	#	87
59) 2-Hexanone	10.922	43	29323	43.072	ug/l		75
60) Dibromochloromethane	11.075	129	22997	9.385	ug/l		100
61) 1,2-Dibromoethane	11.181	107	19193	9.608	ug/l		96
64) Tetrachloroethene	10.810	164	23193	9.837	ug/l		97
65) Chlorobenzene	11.604	112	71281	10.165	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.681	131	23864	9.899	ug/l		93
67) Ethyl Benzene	11.687	91	112674	9.901	ug/l		90
68) m/p-Xylenes	11.792	106	92457	19.824	ug/l		92
69) o-Xylene	12.122	106	40620	9.632	ug/l		95
70) Styrene	12.139	104	70150	9.437	ug/l		93
71) Bromoform	12.298	173	12943	10.271	ug/l	#	100
73) Isopropylbenzene	12.422	105	102404	10.167	ug/l		98
74) N-amyl acetate	12.234	43	15124	10.219	ug/l	#	74
75) 1,1,2,2-Tetrachloroethane	12.675	83	20858	10.661	ug/l		100
76) 1,2,3-Trichloropropane	12.728	75	15521m	13.436	ug/l		
77) Bromobenzene	12.704	156	26905	10.362	ug/l		91
78) n-propylbenzene	12.763	91	129842	10.517	ug/l		98
79) 2-Chlorotoluene	12.851	91	73410	10.483	ug/l		95
80) 1,3,5-Trimethylbenzene	12.904	105	84227	10.031	ug/l		95
81) trans-1,4-Dichloro-2-b...	12.469	75	6019	10.424	ug/l	#	72
82) 4-Chlorotoluene	12.951	91	76481	10.504	ug/l		93
83) tert-Butylbenzene	13.169	119	70336	9.935	ug/l		94
84) 1,2,4-Trimethylbenzene	13.216	105	84721	10.055	ug/l		94
85) sec-Butylbenzene	13.345	105	112505	10.301	ug/l		99
86) p-Isopropyltoluene	13.463	119	89788	9.875	ug/l		96
87) 1,3-Dichlorobenzene	13.463	146	54978	10.177	ug/l		97
88) 1,4-Dichlorobenzene	13.539	146	54083	10.134	ug/l		98
89) n-Butylbenzene	13.792	91	84057	10.036	ug/l		99
90) Hexachloroethane	14.057	117	19693	10.901	ug/l		94
91) 1,2-Dichlorobenzene	13.833	146	46702	10.092	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	2866	10.927	ug/l		82
93) 1,2,4-Trichlorobenzene	15.104	180	31556	11.722	ug/l		98
94) Hexachlorobutadiene	15.204	225	16488	12.814	ug/l		96
95) Naphthalene	15.333	128	56154	11.010	ug/l		100
96) 1,2,3-Trichlorobenzene	15.522	180	28855	12.177	ug/l		98

04/14/2023
 Supervised By :Mahesh
 Dadoda

04/14/2023

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041323\
 Data File : VD075653.D
 Acq On : 13 Apr 2023 10:50
 Operator : KP/SY
 Sample : VSTDICC010
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

Quant Time: Apr 13 14:07:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:07:05 2023
 Response via : Initial Calibration

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

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

04/14/2023
 Supervised By :Mahesh
 Dadoda

04/14/2023

