

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082825\
 Data File : VY023218.D
 Acq On : 28 Aug 2025 11:59
 Operator : SY/MD
 Sample : Q2893-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2025

Quant Time: Aug 29 02:54:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 29 02:54:27 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/29/2025
 Supervised By : Mahesh Dadoda 08/29/2025

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	407087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	662624	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	562199	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.347	152	269924	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	204556	52.723	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.440%			
35) Dibromofluoromethane	7.634	113	212323	53.550	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.100%			
50) Toluene-d8	10.109	98	779415	50.319	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.640%			
62) 4-Bromofluorobenzene	12.408	95	232451	46.664	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 93.320%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	9405	2.830	ug/l	93
3) Chloromethane	2.074	50	13701	2.546	ug/l	98
4) Vinyl Chloride	2.208	62	17346	2.607	ug/l	95
5) Bromomethane	2.598	94	17071	3.436	ug/l	92
6) Chloroethane	2.745	64	12068	2.728	ug/l	89
7) Trichlorofluoromethane	3.068	101	22508	2.782	ug/l	96
8) Diethyl Ether	3.452	74	6673	3.118	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.818	101	12640	3.167	ug/l	94
10) Methyl Iodide	4.007	142	11491	2.668	ug/l	95
11) Tert butyl alcohol	4.866	59	4256m	16.010	ug/l	
12) 1,1-Dichloroethene	3.793	96	11563	2.948	ug/l #	80
13) Acrolein	3.659	56	691	1.775	ug/l #	61
14) Allyl chloride	4.397	41	14500	2.512	ug/l	98
15) Acrylonitrile	5.068	53	12260	14.090	ug/l	99
16) Acetone	3.873	43	15441	18.370	ug/l	98
17) Carbon Disulfide	4.110	76	30836	2.411	ug/l	99
18) Methyl Acetate	4.391	43	7968	3.186	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	25421	2.501	ug/l	95
20) Methylene Chloride	4.616	84	19246	3.814	ug/l	93
21) trans-1,2-Dichloroethene	5.122	96	11997	2.721	ug/l	86
22) Diisopropyl ether	6.025	45	29209	2.329	ug/l #	88
23) Vinyl Acetate	5.970	43	72771	10.492	ug/l	98
24) 1,1-Dichloroethane	5.921	63	20858	2.720	ug/l	99
25) 2-Butanone	6.903	43	16626	14.544	ug/l	98
26) 2,2-Dichloropropane	6.890	77	18757	2.835	ug/l	97
27) cis-1,2-Dichloroethene	6.896	96	14358	2.817	ug/l	92
28) Bromochloromethane	7.244	49	8504	2.795	ug/l	90
29) Tetrahydrofuran	7.268	42	9107	12.852	ug/l	95
30) Chloroform	7.427	83	22807	2.884	ug/l	99
31) Cyclohexane	7.707	56	23748	3.286	ug/l #	58
32) 1,1,1-Trichloroethane	7.622	97	19563	2.788	ug/l	99
36) 1,1-Dichloropropene	7.841	75	15411	2.615	ug/l	97
37) Ethyl Acetate	6.994	43	7084m	2.862	ug/l	
38) Carbon Tetrachloride	7.823	117	17993	2.811	ug/l	90
39) Methylcyclohexane	9.116	83	20135	2.595	ug/l	97
40) Benzene	8.085	78	48762	2.685	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082825\
 Data File : VY023218.D
 Acq On : 28 Aug 2025 11:59
 Operator : SY/MD
 Sample : Q2893-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2025

Quant Time: Aug 29 02:54:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 29 02:54:27 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/29/2025
 Supervised By :Mahesh Dadoda 08/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	3307m	2.315	ug/l	
42) 1,2-Dichloroethane	8.165	62	13467	2.851	ug/l	99
43) Isopropyl Acetate	8.201	43	12730	2.545	ug/l	93
44) Trichloroethene	8.872	130	14338	3.055	ug/l	97
45) 1,2-Dichloropropane	9.146	63	11011	2.635	ug/l	99
46) Dibromomethane	9.231	93	6455	2.691	ug/l	97
47) Bromodichloromethane	9.426	83	16578	2.686	ug/l #	96
48) Methyl methacrylate	9.231	41	5850	2.444	ug/l	92
49) 1,4-Dioxane	9.231	88	1620	57.605	ug/l	90
51) 4-Methyl-2-Pentanone	10.000	43	27228	10.551	ug/l	97
52) Toluene	10.176	92	30715	2.663	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	13453	2.407	ug/l	93
54) cis-1,3-Dichloropropene	9.859	75	16138	2.442	ug/l	91
55) 1,1,2-Trichloroethane	10.579	97	8724	2.718	ug/l	94
56) Ethyl methacrylate	10.438	69	8658	2.108	ug/l	98
57) 1,3-Dichloropropane	10.719	76	14797	2.719	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	17098	8.826	ug/l	97
59) 2-Hexanone	10.762	43	19819	11.279	ug/l	97
60) Dibromochloromethane	10.914	129	11432	2.700	ug/l	100
61) 1,2-Dibromoethane	11.018	107	8158	2.704	ug/l	98
64) Tetrachloroethene	10.646	164	16731	3.333	ug/l	97
65) Chlorobenzene	11.444	112	35639	2.939	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	11270	2.738	ug/l	93
67) Ethyl Benzene	11.524	91	53631	2.570	ug/l	97
68) m/p-Xylenes	11.627	106	40412	4.958	ug/l	94
69) o-Xylene	11.957	106	18631	2.441	ug/l	96
70) Styrene	11.969	104	29459	2.360	ug/l	98
71) Bromoform	12.133	173	7510	3.122	ug/l #	95
73) Isopropylbenzene	12.255	105	48491	2.545	ug/l	100
74) N-amyl acetate	12.072	43	8798	2.178	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	9209	2.831	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	7642m	2.934	ug/l	
77) Bromobenzene	12.530	156	13517	2.974	ug/l	96
78) n-propylbenzene	12.597	91	62003	2.734	ug/l	99
79) 2-Chlorotoluene	12.682	91	35839	2.758	ug/l	97
80) 1,3,5-Trimethylbenzene	12.737	105	37527	2.437	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	2817m	2.618	ug/l	
82) 4-Chlorotoluene	12.780	91	37219	2.761	ug/l	97
83) tert-Butylbenzene	12.999	119	36014	2.590	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	36955	2.411	ug/l	99
85) sec-Butylbenzene	13.176	105	54892	2.687	ug/l	99
86) p-Isopropyltoluene	13.292	119	42398	2.500	ug/l	98
87) 1,3-Dichlorobenzene	13.286	146	27911	3.114	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	29103	3.273	ug/l	94
89) n-Butylbenzene	13.615	91	40127	2.577	ug/l	100
90) Hexachloroethane	13.877	117	11062	3.187	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	24511	3.118	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	1535	3.031	ug/l	91
93) 1,2,4-Trichlorobenzene	14.919	180	14389	3.096	ug/l	98
94) Hexachlorobutadiene	15.023	225	10247	3.751	ug/l	95
95) Naphthalene	15.145	128	22013	2.777	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	12605	3.147	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082825\
Data File : VY023218.D
Acq On : 28 Aug 2025 11:59
Operator : SY/MD
Sample : Q2893-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025

Quant Time: Aug 29 02:54:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:54:27 2025
Response via : Initial Calibration

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

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

