

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100423\
 Data File : VD077267.D
 Acq On : 04 Oct 2023 16:12
 Operator : JC/SY
 Sample : 04696-03
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-QT4-2023-07

Quant Time: Oct 04 22:33:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDL092523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 04 22:27:10 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/10/2023
 Supervised By :Semsettin Yesilyurt 10/10/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	244436	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	246983	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	123566	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	119208	18.439	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.760%
7) Chloroethane-d5	2.799	69	115832	28.432	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.720%
11) 1,1-Dichloroethene-d2	3.911	65	30787	16.925	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.720%
21) 2-Butanone-d5	6.987	46	58387	49.846	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.700%
24) Chloroform-d	7.563	84	196198	21.286	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.160%
26) 1,2-Dichloroethane-d4	8.228	65	95140	20.750	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.000%
32) Benzene-d6	8.199	84	362508	20.206	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.840%
36) 1,2-Dichloropropane-d6	9.205	67	121696	21.825	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.280%
41) Toluene-d8	10.269	98	297277	18.863	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.440%
43) trans-1,3-Dichloroprop...	10.522	79	43377	19.131	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.520%
47) 2-Hexanone-d5	10.875	63	40150	45.011	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.020%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	116793	23.181	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.720%
66) 1,2-Dichlorobenzene-d4	13.816	152	105037	20.620	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	4683	1.178	ug/L	99
3) Chloromethane	2.146	50	4927	0.955	ug/L	87
5) Vinyl chloride	2.275	62	7880	1.283	ug/L #	72
6) Bromomethane	2.687	94	4613m	1.228	ug/L	
8) Chloroethane	2.834	64	5431	1.803	ug/L	87
9) Trichlorofluoromethane	3.170	101	8181	1.288	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	3.946	101	6202m	1.366	ug/L	
12) 1,1-Dichloroethene	3.940	96	4819m	1.272	ug/L	
13) Acetone	4.011	43	3475m	2.859	ug/L	
14) Carbon disulfide	4.258	76	9166	0.928	ug/L #	93
15) Methyl Acetate	4.564	43	2195m	1.057	ug/L	
16) Methylene chloride	4.793	84	40461	6.647	ug/L	97
17) trans-1,2-Dichloroethene	5.316	96	4481m	1.051	ug/L	
18) Methyl tert-butyl Ether	5.311	73	7997m	0.796	ug/L	
19) 1,1-Dichloroethane	6.111	63	7756	0.965	ug/L	95
20) cis-1,2-Dichloroethene	7.069	96	4982	0.957	ug/L #	87
22) 2-Butanone	7.081	43	4064m	2.585	ug/L	
23) Bromochloromethane	7.434	128	2260m	0.917	ug/L	
25) Chloroform	7.593	83	10801	1.215	ug/L	90

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100423\
 Data File : VD077267.D
 Acq On : 04 Oct 2023 16:12
 Operator : JC/SY
 Sample : 04696-03
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-QT4-2023-07

Quant Time: Oct 04 22:33:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM092523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 04 22:27:10 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/10/2023
 Supervised By :Semsettin Yesilyurt 10/10/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.316	62	5046	0.959	ug/L	99
29) Cyclohexane	7.875	56	4644m	0.924	ug/L	
30) 1,1,1-Trichloroethane	7.787	97	7612	1.064	ug/L #	89
31) Carbon tetrachloride	7.993	117	5321	0.920	ug/L	93
33) Benzene	8.252	78	19111	1.048	ug/L	100
34) Trichloroethene	9.028	95	5242	1.139	ug/L	90
35) Methylcyclohexane	9.263	83	5733	0.895	ug/L	93
37) 1,2-Dichloropropane	9.299	63	5062m	1.012	ug/L	
38) Bromodichloromethane	9.575	83	7085	1.066	ug/L #	85
39) cis-1,3-Dichloropropene	10.016	75	7577	0.997	ug/L	94
40) 4-Methyl-2-pentanone	10.157	43	5178m	1.806	ug/L	
42) Toluene	10.328	91	19762	1.005	ug/L	89
44) trans-1,3-Dichloropropene	10.552	75	7718	1.175	ug/L	97
45) 1,1,2-Trichloroethane	10.728	97	4115	0.966	ug/L	90
46) Tetrachloroethene	10.816	164	3798	1.052	ug/L #	74
48) 2-Hexanone	10.922	43	3947	1.795	ug/L #	87
49) Dibromochloromethane	11.075	129	4598	0.970	ug/L	86
50) 1,2-Dibromoethane	11.175	107	3621	0.908	ug/L #	91
51) Chlorobenzene	11.610	112	13240	0.991	ug/L	95
52) Ethylbenzene	11.681	91	19794	0.928	ug/L	89
53) m,p-Xylene	11.787	106	7514	0.924	ug/L	83
54) o-Xylene	12.122	106	7059	0.890	ug/L	69
55) Styrene	12.134	104	10578	0.734	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.669	83	5373	1.055	ug/L #	93
59) Bromoform	12.298	173	2471	0.888	ug/L #	89
60) Isopropylbenzene	12.416	105	16523	0.856	ug/L	98
61) 1,2,3-Trichloropropane	12.728	75	3094	0.989	ug/L #	84
62) 1,3,5-Trimethylbenzene	12.904	105	13086	0.886	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	11785	0.804	ug/L	97
64) 1,3-Dichlorobenzene	13.457	146	8892	0.946	ug/L	99
65) 1,4-Dichlorobenzene	13.540	146	9632	0.981	ug/L	96
67) 1,2-Dichlorobenzene	13.828	146	9093	1.050	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.451	75	707m	1.056	ug/L	
69) 1,3,5-Trichlorobenzene	14.592	180	6171m	0.999	ug/L	
70) 1,2,4-trichlorobenzene	15.092	180	5064	0.956	ug/L	99
71) Naphthalene	15.328	128	10206	0.931	ug/L #	96
72) 1,2,3-Trichlorobenzene	15.516	180	4646	0.939	ug/L	97

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100423\
 Data File : VD077267.D
 Acq On : 04 Oct 2023 16:12
 Operator : JC/SY
 Sample : 04696-03
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-QT4-2023-07

Quant Time: Oct 04 22:33:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM092523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 04 22:27:10 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Mahesh Dadoda 10/10/2023
 Supervised By : Semsettin Yesilyurt 10/10/2023

