

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091324\
 Data File : VD079832.D
 Acq On : 13 Sep 2024 12:07
 Operator : RP/MD
 Sample : P3391-04
 Misc : 5.00G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-QT3-2024-06

Quant Time: Sep 13 23:55:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 13 23:49:48 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/16/2024
 Supervised By :Semsettin Yesilyurt 09/16/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	161898	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	157763	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	64796	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	149276	21.204	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.800%
7) Chloroethane-d5	2.805	69	124464	22.331	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.320%
11) 1,1-Dichloroethene-d2	3.922	65	29047	22.725	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.920%
21) 2-Butanone-d5	6.987	46	27528	42.086	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.180%
24) Chloroform-d	7.563	84	118576	22.281	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.120%
26) 1,2-Dichloroethane-d4	8.234	65	67418	24.226	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.920%
32) Benzene-d6	8.204	84	264889	23.782	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.120%
36) 1,2-Dichloropropane-d6	9.210	67	82547	24.199	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.800%
41) Toluene-d8	10.269	98	241416	24.632	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.520%
43) trans-1,3-Dichloroprop...	10.522	79	33509	22.848	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.400%
47) 2-Hexanone-d5	10.875	63	24581	44.205	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.400%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	56384	22.493	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.960%
66) 1,2-Dichlorobenzene-d4	13.810	152	61911	25.336	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	4441	1.439	ug/L	96
3) Chloromethane	2.146	50	7800	1.441	ug/L	88
5) Vinyl chloride	2.281	62	9978	1.505	ug/L #	53
6) Bromomethane	2.693	94	5395	1.616	ug/L	81
8) Chloroethane	2.834	64	6203	1.416	ug/L	100
9) Trichlorofluoromethane	3.181	101	7159	1.501	ug/L	85
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	4467m	1.693	ug/L	
12) 1,1-Dichloroethene	3.946	96	3935m	1.601	ug/L	
13) Acetone	4.022	43	2043m	2.562	ug/L	
14) Carbon disulfide	4.269	76	11247	1.407	ug/L #	94
15) Methyl Acetate	4.575	43	1660m	1.307	ug/L	
16) Methylene chloride	4.805	84	7519m	2.350	ug/L	
17) trans-1,2-Dichloroethene	5.310	96	3998	1.525	ug/L #	75
18) Methyl tert-butyl Ether	5.316	73	7367m	1.249	ug/L	
19) 1,1-Dichloroethane	6.110	63	7912	1.520	ug/L #	91
20) cis-1,2-Dichloroethene	7.081	96	3741m	1.296	ug/L	
22) 2-Butanone	7.093	43	2247m	2.402	ug/L	
23) Bromochloromethane	7.422	128	2092	1.708	ug/L #	63
25) Chloroform	7.599	83	18259	3.369	ug/L	90

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091324\
 Data File : VD079832.D
 Acq On : 13 Sep 2024 12:07
 Operator : RP/MD
 Sample : P3391-04
 Misc : 5.00G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-QT3-2024-06

Quant Time: Sep 13 23:55:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 13 23:49:48 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/16/2024
 Supervised By :Semsettin Yesilyurt 09/16/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	4819	1.455	ug/L #	92
29) Cyclohexane	7.881	56	4860m	1.245	ug/L	
30) 1,1,1-Trichloroethane	7.793	97	6364	1.480	ug/L #	70
31) Carbon tetrachloride	7.987	117	5381	1.412	ug/L	93
33) Benzene	8.251	78	17769	1.513	ug/L	100
34) Trichloroethene	9.028	95	3834	1.412	ug/L #	70
35) Methylcyclohexane	9.275	83	5968m	1.362	ug/L	
38) Bromodichloromethane	9.587	83	5567	1.491	ug/L #	77
39) cis-1,3-Dichloropropene	10.016	75	6162	1.370	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	3864	2.304	ug/L #	95
42) Toluene	10.334	91	18497	1.495	ug/L	96
44) trans-1,3-Dichloropropene	10.551	75	5362	1.352	ug/L #	70
45) 1,1,2-Trichloroethane	10.734	97	3163	1.445	ug/L	92
46) Tetrachloroethene	10.810	164	2774	1.505	ug/L	93
48) 2-Hexanone	10.916	43	3490	2.558	ug/L #	89
49) Dibromochloromethane	11.069	129	3111	1.302	ug/L #	73
50) 1,2-Dibromoethane	11.175	107	2711	1.434	ug/L #	94
51) Chlorobenzene	11.604	112	11056	1.489	ug/L	97
52) Ethylbenzene	11.681	91	17062	1.313	ug/L	93
53) m,p-Xylene	11.787	106	6389	1.298	ug/L	86
54) o-Xylene	12.116	106	5090	1.054	ug/L	85
55) Styrene	12.134	104	9803	1.155	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.669	83	3695	1.440	ug/L	82
59) Bromoform	12.298	173	1859m	1.662	ug/L	
60) Isopropylbenzene	12.422	105	14049	1.256	ug/L	98
61) 1,2,3-Trichloropropane	12.728	75	2541	1.595	ug/L	98
62) 1,3,5-Trimethylbenzene	12.898	105	10145	1.240	ug/L	96
63) 1,2,4-Trimethylbenzene	13.210	105	10425	1.215	ug/L	93
64) 1,3-Dichlorobenzene	13.451	146	6530	1.412	ug/L #	73
65) 1,4-Dichlorobenzene	13.534	146	7884	1.626	ug/L	90
67) 1,2-Dichlorobenzene	13.828	146	6305	1.509	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.445	75	396m	1.215	ug/L	
69) 1,3,5-Trichlorobenzene	14.592	180	4001m	1.427	ug/L	
70) 1,2,4-trichlorobenzene	15.098	180	3846	1.630	ug/L	95
71) Naphthalene	15.322	128	6973	1.323	ug/L	97
72) 1,2,3-Trichlorobenzene	15.522	180	2926	1.386	ug/L	94

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091324\
Data File : VD079832.D
Acq On : 13 Sep 2024 12:07
Operator : RP/MD
Sample : P3391-04
Misc : 5.00G/10ml/MSVOA_D/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT3-2024-06

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/16/2024
Supervised By :Semsettin Yesilyurt 09/16/2024

Quant Time: Sep 13 23:55:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Sep 13 23:49:48 2024
Response via : Initial Calibration

