

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050824\
 Data File : VV035558.D
 Acq On : 08 May 2024 17:01
 Operator : SY/MD
 Sample : MDL04
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL04

Quant Time: May 09 11:34:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 09 01:17:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	422539	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	442775	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	226667	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	128184	19.627	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.520%
7) Chloroethane-d5	1.529	69	109914	20.862	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.440%
11) 1,1-Dichloroethene-d2	2.053	65	59533	20.590	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.360%
21) 2-Butanone-d5	3.841	46	75356	40.658	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.320%
24) Chloroform-d	4.246	84	271081	21.580	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.320%
26) 1,2-Dichloroethane-d4	4.941	65	141562	22.795	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.200%
32) Benzene-d6	4.957	84	510513	21.063	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.240%
36) 1,2-Dichloropropane-d6	5.985	67	165279	22.097	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.400%
41) Toluene-d8	7.243	98	431854	20.020	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.080%
43) trans-1,3-Dichloroprop...	7.555	79	66544	20.802	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.200%
47) 2-Hexanone-d5	8.030	63	61403	45.653	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.300%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	168311	23.352	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	11.558	152	183882	23.376	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.520%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.105	85	6641	0.773	ug/L	98
3) Chloromethane	1.214	50	8478	0.983	ug/L	94
5) Vinyl chloride	1.278	62	7111	0.798	ug/L #	67
6) Bromomethane	1.484	94	4968	0.881	ug/L	93
8) Chloroethane	1.545	64	4505	0.820	ug/L	97
9) Trichlorofluoromethane	1.709	101	9135	0.785	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	7127	0.971	ug/L #	81
12) 1,1-Dichloroethene	2.063	96	6319	0.953	ug/L #	1
13) Acetone	2.150	43	9162m	3.377	ug/L	
14) Carbon disulfide	2.233	76	17846	0.850	ug/L	98
15) Methyl Acetate	2.397	43	5284m	1.285	ug/L	
16) Methylene chloride	2.445	84	38226	3.923	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	5423	0.737	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	11932	0.672	ug/L	97
19) 1,1-Dichloroethane	3.117	63	10104	0.732	ug/L	92
20) cis-1,2-Dichloroethene	3.822	96	5613	0.704	ug/L	91
22) 2-Butanone	3.883	43	4411m	1.751	ug/L	
23) Bromochloromethane	4.159	128	2825	0.732	ug/L	94
25) Chloroform	4.272	83	11766	0.826	ug/L	88

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\V050824\
 Data File : V035558.D
 Acq On : 08 May 2024 17:01
 Operator : SY/MD
 Sample : MDL04
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL04

Quant Time: May 09 11:34:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 09 01:17:39 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.059	62	5816	0.656	ug/L	96
29) Cyclohexane	4.577	56	6806	0.643	ug/L	92
30) 1,1,1-Trichloroethane	4.513	97	9155	0.746	ug/L	93
31) Carbon tetrachloride	4.735	117	7113	0.660	ug/L	91
33) Benzene	5.018	78	19565	0.668	ug/L	100
34) Trichloroethene	5.847	95	5888	0.710	ug/L	90
35) Methylcyclohexane	6.050	83	10397m	0.826	ug/L	
37) 1,2-Dichloropropane	6.104	63	5891	0.771	ug/L	100
38) Bromodichloromethane	6.445	83	7080	0.684	ug/L	95
39) cis-1,3-Dichloropropene	6.966	75	6451	0.539	ug/L	87
40) 4-Methyl-2-pentanone	7.175	43	4547	0.993	ug/L	98
42) Toluene	7.326	91	21856	0.705	ug/L	99
44) trans-1,3-Dichloropropene	7.596	75	6000	0.574	ug/L	94
45) 1,1,2-Trichloroethane	7.776	97	4649	0.716	ug/L	96
46) Tetrachloroethene	7.908	164	4910	0.729	ug/L	92
48) 2-Hexanone	8.098	43	6959m	2.027	ug/L	
49) Dibromochloromethane	8.182	129	5538	0.756	ug/L	96
50) 1,2-Dibromoethane	8.291	107	4695	0.734	ug/L #	89
51) Chlorobenzene	8.818	112	15971	0.742	ug/L	96
52) Ethylbenzene	8.953	91	20639	0.603	ug/L	100
53) m,p-Xylene	9.082	106	7177	0.552	ug/L	93
54) o-Xylene	9.481	106	6821	0.554	ug/L	99
55) Styrene	9.509	104	8598	0.400	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.178	83	6273	0.793	ug/L #	93
59) Bromoform	9.673	173	3307	0.742	ug/L #	90
60) Isopropylbenzene	9.870	105	17943	0.594	ug/L #	94
61) 1,2,3-Trichloropropane	10.210	75	4380	0.825	ug/L	95
62) 1,3,5-Trimethylbenzene	10.480	105	12781	0.540	ug/L	97
63) 1,2,4-Trimethylbenzene	10.853	105	12801	0.526	ug/L	100
64) 1,3-Dichlorobenzene	11.124	146	11192	0.706	ug/L	93
65) 1,4-Dichlorobenzene	11.207	146	14211	0.866	ug/L	92
67) 1,2-Dichlorobenzene	11.577	146	12030	0.807	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.368	75	1044	0.847	ug/L #	85
69) 1,3,5-Trichlorobenzene	12.583	180	8845	0.714	ug/L	94
70) 1,2,4-trichlorobenzene	13.201	180	7040	0.681	ug/L	97
71) Naphthalene	13.448	128	11511	0.634	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	6440	0.692	ug/L	96

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050824\
Data File : VV035558.D
Acq On : 08 May 2024 17:01
Operator : SY/MD
Sample : MDL04
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Quant Time: May 09 11:34:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 09 01:17:39 2024
Response via : Initial Calibration

