

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082523\
 Data File : VD077029.D
 Acq On : 25 Aug 2023 21:33
 Operator : JC/SY
 Sample : 04172-12MS
 Misc : 3.90G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCHW4MS

Quant Time: Aug 25 23:58:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 25 23:54:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	234936	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	245316	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	134203	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	110216	17.059	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.240%
7) Chloroethane-d5	2.793	69	119717	20.044	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.160%
11) 1,1-Dichloroethene-d2	3.910	65	27707	18.099	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.400%
21) 2-Butanone-d5	6.981	46	45552	43.914	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.820%
24) Chloroform-d	7.569	84	192567	25.171	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.680%
26) 1,2-Dichloroethane-d4	8.228	65	93561	24.533	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.120%
32) Benzene-d6	8.198	84	354879	23.009	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.040%
36) 1,2-Dichloropropane-d6	9.210	67	113970	24.033	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.120%
41) Toluene-d8	10.269	98	326490	23.088	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.360%
43) trans-1,3-Dichloroprop...	10.522	79	45987	21.450	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.800%
47) 2-Hexanone-d5	10.875	63	41261	45.550	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.100%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	112192	24.484	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.920%
66) 1,2-Dichlorobenzene-d4	13.816	152	126806	25.845	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	81410	20.906	ug/L	98
3) Chloromethane	2.146	50	145782	28.857	ug/L	100
5) Vinyl chloride	2.275	62	170659	23.622	ug/L	90
6) Bromomethane	2.687	94	112385	20.840	ug/L	98
8) Chloroethane	2.828	64	116345	23.922	ug/L	98
9) Trichlorofluoromethane	3.163	101	143435	23.979	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	90328	23.175	ug/L	99
12) 1,1-Dichloroethene	3.934	96	80045	23.160	ug/L	84
13) Acetone	4.022	43	34309	32.345	ug/L	92
14) Carbon disulfide	4.263	76	278892	23.250	ug/L	98
15) Methyl Acetate	4.563	43	33419	18.640	ug/L	97
16) Methylene chloride	4.793	84	130515	26.484	ug/L	77
17) trans-1,2-Dichloroethene	5.310	96	94047	24.033	ug/L	85
18) Methyl tert-butyl Ether	5.322	73	200954	23.244	ug/L #	90
19) 1,1-Dichloroethane	6.104	63	161670	24.743	ug/L	95
20) cis-1,2-Dichloroethene	7.075	96	109145	24.985	ug/L	86
22) 2-Butanone	7.081	43	48568	32.726	ug/L	84
23) Bromochloromethane	7.428	128	53404	25.204	ug/L #	74
25) Chloroform	7.593	83	184730	25.814	ug/L	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082523\
 Data File : VD077029.D
 Acq On : 25 Aug 2023 21:33
 Operator : JC/SY
 Sample : 04172-12MS
 Misc : 3.90G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCHW4MS

Quant Time: Aug 25 23:58:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 25 23:54:22 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	108310	24.149	ug/L	100
29) Cyclohexane	7.881	56	116444	21.563	ug/L #	82
30) 1,1,1-Trichloroethane	7.793	97	149239	24.552	ug/L	96
31) Carbon tetrachloride	7.987	117	125125	25.152	ug/L	97
33) Benzene	8.251	78	398870	24.805	ug/L	100
34) Trichloroethene	9.028	95	101754	24.299	ug/L	98
35) Methylcyclohexane	9.275	83	155486	22.769	ug/L	90
37) 1,2-Dichloropropane	9.304	63	99392	24.332	ug/L #	97
38) Bromodichloromethane	9.587	83	137558	24.454	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	159996	24.270	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	98375	38.224	ug/L #	91
42) Toluene	10.334	91	440145	25.172	ug/L	97
44) trans-1,3-Dichloropropene	10.551	75	133457	23.163	ug/L	98
45) 1,1,2-Trichloroethane	10.734	97	87867	24.204	ug/L	99
46) Tetrachloroethene	10.810	164	81534	25.834	ug/L	94
48) 2-Hexanone	10.922	43	72707	36.735	ug/L #	92
49) Dibromochloromethane	11.075	129	102139	25.290	ug/L	96
50) 1,2-Dibromoethane	11.181	107	81149	22.919	ug/L	94
51) Chlorobenzene	11.610	112	285340	25.047	ug/L	96
52) Ethylbenzene	11.686	91	468817	25.162	ug/L	100
53) m,p-Xylene	11.792	106	184451	25.657	ug/L	99
54) o-Xylene	12.122	106	179882	26.015	ug/L	98
55) Styrene	12.133	104	330152	26.408	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.675	83	97383	21.689	ug/L	96
59) Bromoform	12.298	173	61425	23.079	ug/L #	98
60) Isopropylbenzene	12.422	105	456117	23.632	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	62783	20.044	ug/L	94
62) 1,3,5-Trimethylbenzene	12.904	105	361707	24.600	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	358300	24.486	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	218792	24.838	ug/L	99
65) 1,4-Dichlorobenzene	13.539	146	224981	24.709	ug/L	99
67) 1,2-Dichlorobenzene	13.833	146	201182	24.363	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	13424	18.705	ug/L	96
69) 1,3,5-Trichlorobenzene	14.592	180	134898	24.472	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	114737	23.662	ug/L	99
71) Naphthalene	15.333	128	232701	20.410	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	106777	24.282	ug/L	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082523\
 Data File : VD077029.D
 Acq On : 25 Aug 2023 21:33
 Operator : JC/SY
 Sample : 04172-12MS
 Misc : 3.90G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCHW4MS

Quant Time: Aug 25 23:58:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 25 23:54:22 2023
 Response via : Initial Calibration

