

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053024\
 Data File : VD079091.D
 Acq On : 30 May 2024 12:57
 Operator : RP/MD
 Sample : P2586-07MSD
 Misc : 4.63G/10ml/MSVOA_D/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A4D18MSD

Quant Time: May 31 01:55:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 31 01:52:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.763	114	327457	25.000	ug/L	-0.01
28) Chlorobenzene-d5	11.587	117	249831	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	86936	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.358	65	85442m	8.479	ug/L	0.08
Spiked Amount	25.000	Range	30 - 150	Recovery	=	33.920%
7) Chloroethane-d5	2.793	69	7887m	0.809	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	3.240%#
11) 1,1-Dichloroethene-d2	3.699	65	33230m	18.576	ug/L	-0.22
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.320%
21) 2-Butanone-d5	7.104	46	14420m	18.709	ug/L	0.12
Spiked Amount	50.000	Range	20 - 135	Recovery	=	37.420%
24) Chloroform-d	7.552	84	127025	13.874	ug/L	-0.02
Spiked Amount	25.000	Range	40 - 150	Recovery	=	55.480%
26) 1,2-Dichloroethane-d4	8.216	65	39743	9.410	ug/L	-0.02
Spiked Amount	25.000	Range	70 - 130	Recovery	=	37.640%#
32) Benzene-d6	8.175	84	281866	20.352	ug/L	-0.03
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.400%
36) 1,2-Dichloropropane-d6	9.204	67	86640m	21.717	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.880%
41) Toluene-d8	10.263	98	272713	21.030	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.120%
43) trans-1,3-Dichloroprop...	10.534	79	19114	11.399	ug/L	0.01
Spiked Amount	25.000	Range	30 - 135	Recovery	=	45.600%
47) 2-Hexanone-d5	10.922	63	7167m	13.896	ug/L	0.05
Spiked Amount	50.000	Range	20 - 135	Recovery	=	27.800%
56) 1,1,2,2-Tetrachloroeth...	12.663	84	21803	6.170	ug/L	0.01
Spiked Amount	25.000	Range	45 - 120	Recovery	=	24.680%#
66) 1,2-Dichlorobenzene-d4	13.816	152	41151	13.715	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	54.880%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.028	85	51706	9.975	ug/L #	46
3) Chloromethane	2.199	50	60841m	8.806	ug/L	
5) Vinyl chloride	2.364	62	67354	5.907	ug/L	93
6) Bromomethane	2.675	94	5444m	0.618	ug/L	
8) Chloroethane	2.828	64	4221m	0.505	ug/L	
9) Trichlorofluoromethane	3.193	101	8596m	0.990	ug/L	
10) 1,1,2-Trichloro-1,2,2-...	4.181	101	61610m	11.828	ug/L	
12) 1,1-Dichloroethene	3.722	96	59377m	13.093	ug/L	
13) Acetone	4.040	43	17530m	15.710	ug/L	
14) Carbon disulfide	4.063	76	132243	8.359	ug/L	98
15) Methyl Acetate	4.552	43	49479m	32.545	ug/L	
16) Methylene chloride	4.816	84	84927m	14.555	ug/L	
17) trans-1,2-Dichloroethene	5.187	96	61884m	12.627	ug/L	
18) Methyl tert-butyl Ether	5.322	73	133373m	15.344	ug/L	
19) 1,1-Dichloroethane	6.040	63	94399m	11.964	ug/L	
20) cis-1,2-Dichloroethene	7.040	96	54203m	10.622	ug/L	
22) 2-Butanone	7.157	43	9983m	8.517	ug/L	
23) Bromochloromethane	7.404	128	18595	7.187	ug/L #	86
25) Chloroform	7.581	83	86866	9.696	ug/L	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053024\
 Data File : VD079091.D
 Acq On : 30 May 2024 12:57
 Operator : RP/MD
 Sample : P2586-07MSD
 Misc : 4.63G/10ml/MSVOA_D/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A4D18MSD

Quant Time: May 31 01:55:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 31 01:52:18 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.316	62	51979m	9.995	ug/L	
29) Cyclohexane	7.834	56	72881m	16.168	ug/L	
30) 1,1,1-Trichloroethane	7.757	97	77100	13.035	ug/L #	85
31) Carbon tetrachloride	7.957	117	41481	7.547	ug/L	84
33) Benzene	8.222	78	225618	15.163	ug/L	100
34) Trichloroethene	9.010	95	56742	14.806	ug/L	94
35) Methylcyclohexane	9.251	83	101037	15.911	ug/L	99
37) 1,2-Dichloropropane	9.293	63	53207m	14.598	ug/L	
38) Bromodichloromethane	9.593	83	49482m	9.766	ug/L	
39) cis-1,3-Dichloropropene	10.016	75	59665m	10.487	ug/L	
40) 4-Methyl-2-pentanone	10.175	43	20598m	13.538	ug/L	
42) Toluene	10.334	91	262474	15.885	ug/L	99
44) trans-1,3-Dichloropropene	10.557	75	40705	8.460	ug/L	99
45) 1,1,2-Trichloroethane	10.740	97	29983m	9.377	ug/L	
46) Tetrachloroethene	10.804	164	53413	15.828	ug/L	99
48) 2-Hexanone	10.969	43	12525m	9.513	ug/L	
49) Dibromochloromethane	11.087	129	25112m	6.632	ug/L	
50) 1,2-Dibromoethane	11.181	107	25628	8.721	ug/L #	97
51) Chlorobenzene	11.610	112	142767	12.986	ug/L	95
52) Ethylbenzene	11.687	91	263737	15.302	ug/L	98
53) m,p-Xylene	11.798	106	120791	17.863	ug/L	95
54) o-Xylene	12.128	106	88963	13.617	ug/L	95
55) Styrene	12.145	104	138622	11.967	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.681	83	17048	4.763	ug/L	97
59) Bromoform	12.316	173	11601	7.281	ug/L #	98
60) Isopropylbenzene	12.428	105	252500	21.966	ug/L	99
61) 1,2,3-Trichloropropane	12.734	75	13568	8.840	ug/L	95
62) 1,3,5-Trimethylbenzene	12.904	105	165807	21.096	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	162488	19.329	ug/L	98
64) 1,3-Dichlorobenzene	13.463	146	85462	15.476	ug/L	98
65) 1,4-Dichlorobenzene	13.539	146	78898	13.484	ug/L	95
67) 1,2-Dichlorobenzene	13.834	146	53162	10.414	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.451	75	1021	3.236	ug/L #	46
69) 1,3,5-Trichlorobenzene	14.592	180	45497	13.063	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	19293	6.670	ug/L	97
71) Naphthalene	15.333	128	14522	2.684	ug/L	97
72) 1,2,3-Trichlorobenzene	15.522	180	9350	3.740	ug/L	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053024\
 Data File : VD079091.D
 Acq On : 30 May 2024 12:57
 Operator : RP/MD
 Sample : P2586-07MSD
 Misc : 4.63G/10ml/MSVOA_D/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A4D18MSD

Quant Time: May 31 01:55:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 31 01:52:18 2024
 Response via : Initial Calibration

