

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092724\
 Data File : VD079933.D
 Acq On : 27 Sep 2024 20:07
 Operator : RP/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025920

Quant Time: Sep 27 23:42:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 27 23:37:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	147154	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	143868	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	72427	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	113857	17.794	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.160%
7) Chloroethane-d5	2.799	69	104541	20.635	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.560%
11) 1,1-Dichloroethene-d2	3.922	65	21082	18.146	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.600%
21) 2-Butanone-d5	6.987	46	22696	38.176	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.360%
24) Chloroform-d	7.569	84	101106	20.902	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.600%
26) 1,2-Dichloroethane-d4	8.228	65	52703	20.836	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.360%
32) Benzene-d6	8.204	84	218775	21.539	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.160%
36) 1,2-Dichloropropane-d6	9.210	67	65952	21.201	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.800%
41) Toluene-d8	10.269	98	198395	22.197	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	10.528	79	26170	19.568	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.280%
47) 2-Hexanone-d5	10.875	63	20860	41.136	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.280%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	51606	22.576	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.320%
66) 1,2-Dichlorobenzene-d4	13.810	152	59339	21.725	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	61994	22.094	ug/L	96
3) Chloromethane	2.146	50	124488	25.309	ug/L	99
5) Vinyl chloride	2.281	62	151589	25.150	ug/L	98
6) Bromomethane	2.693	94	99748	32.866	ug/L	99
8) Chloroethane	2.840	64	104274	26.185	ug/L	91
9) Trichlorofluoromethane	3.175	101	95833	22.113	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	52846	22.030	ug/L #	76
12) 1,1-Dichloroethene	3.940	96	52327	23.420	ug/L	83
13) Acetone	4.022	43	26912	37.129	ug/L	66
14) Carbon disulfide	4.275	76	198357	27.293	ug/L	99
15) Methyl Acetate	4.558	43	25159	21.791	ug/L #	90
16) Methylene chloride	4.805	84	69238	23.812	ug/L	92
17) trans-1,2-Dichloroethene	5.316	96	61704	25.901	ug/L	96
18) Methyl tert-butyl Ether	5.316	73	127237	23.741	ug/L	99
19) 1,1-Dichloroethane	6.110	63	112677	23.811	ug/L	98
20) cis-1,2-Dichloroethene	7.075	96	65827	25.095	ug/L	98
22) 2-Butanone	7.081	43	33844	39.805	ug/L	97
23) Bromochloromethane	7.428	128	28467	25.570	ug/L	98
25) Chloroform	7.599	83	118740	24.106	ug/L	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092724\
 Data File : VD079933.D
 Acq On : 27 Sep 2024 20:07
 Operator : RP/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025920

Quant Time: Sep 27 23:42:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 27 23:37:15 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	71320	23.689	ug/L #	95
29) Cyclohexane	7.881	56	79992	22.479	ug/L	95
30) 1,1,1-Trichloroethane	7.793	97	89979	22.944	ug/L	99
31) Carbon tetrachloride	7.993	117	83901	24.147	ug/L	98
33) Benzene	8.252	78	268458	25.060	ug/L	100
34) Trichloroethene	9.028	95	60220	24.328	ug/L	96
35) Methylcyclohexane	9.275	83	95616	23.936	ug/L	97
37) 1,2-Dichloropropane	9.304	63	72670	24.874	ug/L #	100
38) Bromodichloromethane	9.587	83	84941	24.952	ug/L	93
39) cis-1,3-Dichloropropene	10.016	75	102374	24.954	ug/L	94
40) 4-Methyl-2-pentanone	10.157	43	68602	44.858	ug/L	97
42) Toluene	10.334	91	286115	25.355	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	88718	24.538	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	50350	25.225	ug/L	93
46) Tetrachloroethene	10.810	164	43876	26.109	ug/L	95
48) 2-Hexanone	10.922	43	51143	41.113	ug/L	99
49) Dibromochloromethane	11.069	129	54777	25.142	ug/L	89
50) 1,2-Dibromoethane	11.181	107	44642	25.895	ug/L #	100
51) Chlorobenzene	11.604	112	171165	25.275	ug/L	96
52) Ethylbenzene	11.681	91	298650	25.194	ug/L	99
53) m,p-Xylene	11.793	106	114624	25.529	ug/L	99
54) o-Xylene	12.122	106	112267	25.502	ug/L	90
55) Styrene	12.134	104	205883	26.610	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.669	83	58986	25.211	ug/L	97
59) Bromoform	12.298	173	30362	24.284	ug/L #	98
60) Isopropylbenzene	12.422	105	285361	22.821	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	38674	21.724	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	221835	24.257	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	224531	23.412	ug/L	97
64) 1,3-Dichlorobenzene	13.457	146	129280	25.018	ug/L	97
65) 1,4-Dichlorobenzene	13.534	146	131122	24.191	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	114016	24.411	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.445	75	7599	20.861	ug/L	86
69) 1,3,5-Trichlorobenzene	14.592	180	73154	23.347	ug/L	97
70) 1,2,4-trichlorobenzene	15.098	180	61923	23.472	ug/L	96
71) Naphthalene	15.328	128	125232	21.254	ug/L	99
72) 1,2,3-Trichlorobenzene	15.516	180	56487	23.937	ug/L	99

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

