

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061024\
 Data File : VD079151.D
 Acq On : 10 Jun 2024 09:58
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025891

Quant Time: Jun 11 02:43:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 05 03:20:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	220789	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	217891	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	113106	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	120573	17.746	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.000%
7) Chloroethane-d5	2.805	69	118511	18.039	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.160%
11) 1,1-Dichloroethene-d2	3.922	65	23308	19.324	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.280%
21) 2-Butanone-d5	6.987	46	26848	51.663	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.320%
24) Chloroform-d	7.569	84	133578	21.638	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.560%
26) 1,2-Dichloroethane-d4	8.228	65	61968	21.760	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.040%
32) Benzene-d6	8.204	84	262332	21.718	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.880%
36) 1,2-Dichloropropane-d6	9.210	67	75671	21.748	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.000%
41) Toluene-d8	10.269	98	246425	21.789	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.160%
43) trans-1,3-Dichloroprop...	10.522	79	33709	23.049	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.200%
47) 2-Hexanone-d5	10.875	63	23582	52.426	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.860%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	72724	23.597	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	13.816	152	83546	21.403	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	64564	18.473	ug/L	99
3) Chloromethane	2.146	50	123634	26.540	ug/L	98
5) Vinyl chloride	2.281	62	168995	21.980	ug/L	96
6) Bromomethane	2.693	94	124225	20.928	ug/L	98
8) Chloroethane	2.840	64	118474	21.023	ug/L	94
9) Trichlorofluoromethane	3.181	101	116859	19.952	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	75059	21.371	ug/L	98
12) 1,1-Dichloroethene	3.946	96	66865	21.868	ug/L	83
13) Acetone	4.016	43	39574	52.600	ug/L	99
14) Carbon disulfide	4.275	76	229972	21.560	ug/L	99
15) Methyl Acetate	4.558	43	27206	26.540	ug/L	92
16) Methylene chloride	4.805	84	90830	23.088	ug/L	95
17) trans-1,2-Dichloroethene	5.311	96	78796	23.845	ug/L	96
18) Methyl tert-butyl Ether	5.322	73	156573	26.716	ug/L	99
19) 1,1-Dichloroethane	6.110	63	128345	24.124	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	88072	25.596	ug/L	95
22) 2-Butanone	7.081	43	42640	53.950	ug/L	96
23) Bromochloromethane	7.422	128	43380	24.867	ug/L	91
25) Chloroform	7.593	83	148446	24.575	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	87493	24.952	ug/L	99
29) Cyclohexane	7.875	56	89539	22.776	ug/L	100
30) 1,1,1-Trichloroethane	7.793	97	120764	23.410	ug/L	99
31) Carbon tetrachloride	7.993	117	109700	22.884	ug/L	97
33) Benzene	8.252	78	327719	25.253	ug/L	100
34) Trichloroethene	9.028	95	78934	23.615	ug/L	98
35) Methylcyclohexane	9.275	83	122342	22.090	ug/L	99
37) 1,2-Dichloropropane	9.304	63	81736	25.713	ug/L	99
38) Bromodichloromethane	9.587	83	109158	24.702	ug/L	96
39) cis-1,3-Dichloropropene	10.016	75	125765	25.345	ug/L	96
40) 4-Methyl-2-pentanone	10.157	43	75978	57.257	ug/L	98
42) Toluene	10.334	91	359573	24.952	ug/L	95
44) trans-1,3-Dichloropropene	10.551	75	112157	26.729	ug/L	94
45) 1,1,2-Trichloroethane	10.734	97	70415	25.250	ug/L	97
46) Tetrachloroethene	10.810	164	66174	22.484	ug/L	97
48) 2-Hexanone	10.922	43	61286	53.374	ug/L	95
49) Dibromochloromethane	11.075	129	81903	24.801	ug/L	98
50) 1,2-Dibromoethane	11.181	107	66388	25.903	ug/L	96
51) Chlorobenzene	11.604	112	232511	24.249	ug/L	99
52) Ethylbenzene	11.681	91	372581	24.787	ug/L	99
53) m,p-Xylene	11.793	106	148614	25.199	ug/L	97
54) o-Xylene	12.122	106	143382	25.164	ug/L	94
55) Styrene	12.134	104	259332	25.669	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	79832	25.574	ug/L	92
59) Bromoform	12.298	173	51095	24.648	ug/L	96
60) Isopropylbenzene	12.422	105	360516	24.106	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	52366	26.224	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	252409	24.684	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	274428	25.092	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	173151	24.100	ug/L	96
65) 1,4-Dichlorobenzene	13.540	146	181563	23.850	ug/L	95
67) 1,2-Dichlorobenzene	13.828	146	158705	23.895	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.445	75	10220	24.896	ug/L #	82
69) 1,3,5-Trichlorobenzene	14.592	180	103921	22.934	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	86863	23.081	ug/L	99
71) Naphthalene	15.334	128	169707	24.112	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	81247	24.979	ug/L	96

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

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