

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061523\
 Data File : VD076452.D
 Acq On : 15 Jun 2023 22:07
 Operator : KP/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025159

Quant Time: Jun 16 02:02:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:50:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	224815	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	205032	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	100075	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	125662	22.952	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.800%		
7) Chloroethane-d5	2.793	69	98941	22.350	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	89.400%		
11) 1,1-Dichloroethene-d2	3.917	65	29727	20.801	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	83.200%		
21) 2-Butanone-d5	6.987	46	42927	51.772	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	103.540%		
24) Chloroform-d	7.569	84	136182	22.992	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	91.960%		
26) 1,2-Dichloroethane-d4	8.228	65	67852	23.221	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	92.880%		
32) Benzene-d6	8.199	84	278048	22.169	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	88.680%		
36) 1,2-Dichloropropane-d6	9.210	67	91227	22.787	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	91.160%		
41) Toluene-d8	10.269	98	257119	22.140	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	88.560%		
43) trans-1,3-Dichloroprop...	10.522	79	39256	23.575	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	94.280%		
47) 2-Hexanone-d5	10.875	63	29943	48.182	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	96.360%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	72195	25.347	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	101.400%		
66) 1,2-Dichlorobenzene-d4	13.816	152	84946	23.158	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	92.640%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	86000	24.549	ug/L	100
3) Chloromethane	2.146	50	152039	26.107	ug/L	96
5) Vinyl chloride	2.275	62	160205	25.501	ug/L	100
6) Bromomethane	2.687	94	82559	23.726	ug/L	99
8) Chloroethane	2.828	64	97826	25.421	ug/L	100
9) Trichlorofluoromethane	3.170	101	113715	25.034	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	72876	24.733	ug/L	99
12) 1,1-Dichloroethene	3.928	96	69857	23.942	ug/L	93
13) Acetone	4.022	43	28910	43.168	ug/L	95
14) Carbon disulfide	4.264	76	256411	24.244	ug/L	96
15) Methyl Acetate	4.564	43	41060	26.858	ug/L	93
16) Methylene chloride	4.799	84	90054	23.046	ug/L	92
17) trans-1,2-Dichloroethene	5.305	96	80819	24.845	ug/L	90
18) Methyl tert-butyl Ether	5.316	73	193733	26.160	ug/L #	92
19) 1,1-Dichloroethane	6.111	63	148311	24.938	ug/L	97
20) cis-1,2-Dichloroethene	7.075	96	89813	24.722	ug/L	98
22) 2-Butanone	7.081	43	53035	49.072	ug/L	75
23) Bromochloromethane	7.428	128	41261	26.761	ug/L	92
25) Chloroform	7.593	83	144654	24.923	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	92201	25.832	ug/L	95
29) Cyclohexane	7.875	56	128304	23.532	ug/L	95
30) 1,1,1-Trichloroethane	7.787	97	113156	23.757	ug/L	97
31) Carbon tetrachloride	7.987	117	94568	24.826	ug/L	98
33) Benzene	8.246	78	332487	24.502	ug/L	100
34) Trichloroethene	9.028	95	83552	23.969	ug/L	97
35) Methylcyclohexane	9.269	83	138216	24.588	ug/L	99
37) 1,2-Dichloropropane	9.305	63	90477	24.456	ug/L	99
38) Bromodichloromethane	9.581	83	108249	25.654	ug/L #	99
39) cis-1,3-Dichloropropene	10.016	75	142486	25.222	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	119607	51.970	ug/L	98
42) Toluene	10.334	91	359858	24.816	ug/L	96
44) trans-1,3-Dichloropropene	10.552	75	115272	25.104	ug/L	96
45) 1,1,2-Trichloroethane	10.734	97	66220	26.096	ug/L	96
46) Tetrachloroethene	10.810	164	66187	24.152	ug/L	90
48) 2-Hexanone	10.922	43	85341	54.142	ug/L	100
49) Dibromochloromethane	11.075	129	75324	26.119	ug/L	99
50) 1,2-Dibromoethane	11.181	107	64629	26.240	ug/L	91
51) Chlorobenzene	11.610	112	226922	25.065	ug/L	98
52) Ethylbenzene	11.681	91	388632	24.864	ug/L	98
53) m,p-Xylene	11.793	106	148644	24.199	ug/L	89
54) o-Xylene	12.122	106	145481	24.875	ug/L	96
55) Styrene	12.134	104	256156	25.351	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.675	83	78806	27.174	ug/L	98
59) Bromoform	12.298	173	46372	25.884	ug/L	98
60) Isopropylbenzene	12.422	105	369059	24.111	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	51143	26.333	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	296772	24.233	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	293038	24.248	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	170864	25.091	ug/L	98
65) 1,4-Dichlorobenzene	13.540	146	176025	25.643	ug/L	95
67) 1,2-Dichlorobenzene	13.834	146	155083	25.564	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.451	75	11214	25.909	ug/L	91
69) 1,3,5-Trichlorobenzene	14.598	180	111245	24.491	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	99501	24.620	ug/L	99
71) Naphthalene	15.334	128	203455	26.294	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	88256	25.147	ug/L	97

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

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