

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020524\
 Data File : VD078353.D
 Acq On : 05 Feb 2024 18:55
 Operator : RP/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025239

Quant Time: Feb 06 00:53:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM020124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 06 00:51:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	198347	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	192332	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	95129	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	106304	18.890	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.560%
7) Chloroethane-d5	2.793	69	92313	19.515	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.080%
11) 1,1-Dichloroethene-d2	3.922	65	21257	17.495	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.960%
21) 2-Butanone-d5	6.993	46	40837	49.288	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.580%
24) Chloroform-d	7.569	84	124563	22.026	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.120%
26) 1,2-Dichloroethane-d4	8.234	65	66383	21.751	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.000%
32) Benzene-d6	8.199	84	225767	20.075	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.320%
36) 1,2-Dichloropropane-d6	9.210	67	74984	21.658	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.640%
41) Toluene-d8	10.269	98	191389	18.947	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.800%
43) trans-1,3-Dichloroprop...	10.522	79	33587	21.726	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.920%
47) 2-Hexanone-d5	10.875	63	36922	52.562	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.120%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	78631	24.441	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.760%
66) 1,2-Dichlorobenzene-d4	13.816	152	70690	20.757	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	110578	28.275	ug/L	98
3) Chloromethane	2.152	50	169775	29.849	ug/L	98
5) Vinyl chloride	2.281	62	199555	28.377	ug/L	97
6) Bromomethane	2.687	94	87397	27.412	ug/L	98
8) Chloroethane	2.828	64	124019	27.699	ug/L	99
9) Trichlorofluoromethane	3.169	101	140548	28.114	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	85022	27.331	ug/L	98
12) 1,1-Dichloroethene	3.940	96	78423	27.239	ug/L	81
13) Acetone	4.022	43	54775	50.351	ug/L	97
14) Carbon disulfide	4.269	76	263031	24.787	ug/L	98
15) Methyl Acetate	4.563	43	43986	26.985	ug/L	94
16) Methylene chloride	4.799	84	104086	26.758	ug/L	99
17) trans-1,2-Dichloroethene	5.310	96	86705	27.330	ug/L	98
18) Methyl tert-butyl Ether	5.322	73	212322	28.775	ug/L #	96
19) 1,1-Dichloroethane	6.110	63	156346	28.163	ug/L	95
20) cis-1,2-Dichloroethene	7.075	96	99377	28.581	ug/L	98
22) 2-Butanone	7.087	43	67852	51.513	ug/L	76
23) Bromochloromethane	7.428	128	46367	30.190	ug/L	98
25) Chloroform	7.599	83	169132	27.919	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	109582	28.166	ug/L #	93
29) Cyclohexane	7.875	56	123198	28.336	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	136875	29.032	ug/L	99
31) Carbon tetrachloride	7.993	117	117542	28.301	ug/L	100
33) Benzene	8.251	78	361393	27.885	ug/L	100
34) Trichloroethene	9.028	95	92070	28.128	ug/L	90
35) Methylcyclohexane	9.275	83	141847	27.694	ug/L	97
37) 1,2-Dichloropropane	9.304	63	98569	28.863	ug/L	100
38) Bromodichloromethane	9.587	83	129596	29.085	ug/L #	95
39) cis-1,3-Dichloropropene	10.016	75	153636	28.902	ug/L	94
40) 4-Methyl-2-pentanone	10.157	43	129221	60.926	ug/L	98
42) Toluene	10.334	91	389306	28.871	ug/L	97
44) trans-1,3-Dichloropropene	10.551	75	132271	28.440	ug/L	92
45) 1,1,2-Trichloroethane	10.734	97	77625	28.516	ug/L	97
46) Tetrachloroethene	10.810	164	64190	28.559	ug/L	96
48) 2-Hexanone	10.922	43	100244	57.944	ug/L	98
49) Dibromochloromethane	11.075	129	87048	28.453	ug/L	93
50) 1,2-Dibromoethane	11.181	107	75964	28.608	ug/L	100
51) Chlorobenzene	11.604	112	241843	27.700	ug/L	96
52) Ethylbenzene	11.681	91	419593	28.968	ug/L	99
53) m,p-Xylene	11.792	106	160056	28.752	ug/L	97
54) o-Xylene	12.122	106	152051	28.325	ug/L	100
55) Styrene	12.134	104	286188	29.554	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.669	83	100019	28.677	ug/L	96
59) Bromoform	12.298	173	53256	27.902	ug/L	97
60) Isopropylbenzene	12.422	105	399301	27.779	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	66847	27.549	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	309855	27.559	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	314924	28.279	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	174161	27.152	ug/L	97
65) 1,4-Dichlorobenzene	13.539	146	181839	27.078	ug/L	95
67) 1,2-Dichlorobenzene	13.834	146	163188	26.896	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.445	75	13994	26.029	ug/L	94
69) 1,3,5-Trichlorobenzene	14.592	180	108598	27.480	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	91392	26.756	ug/L	100
71) Naphthalene	15.333	128	224221	28.039	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	88251	27.676	ug/L	99

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

