

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053024\
 Data File : VD079104.D
 Acq On : 30 May 2024 18:51
 Operator : RP/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025884

Quant Time: May 31 01:59:27 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	8.775	114	223356	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	219379	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	112755	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	161706	23.527	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.120%
7) Chloroethane-d5	2.793	69	144964	21.812	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.240%
11) 1,1-Dichloroethene-d2	3.911	65	24008	19.676	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.720%
21) 2-Butanone-d5	6.981	46	24094	45.830	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.660%
24) Chloroform-d	7.563	84	132541	21.223	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.880%
26) 1,2-Dichloroethane-d4	8.228	65	63841	22.160	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.640%
32) Benzene-d6	8.199	84	272060	22.371	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.480%
36) 1,2-Dichloropropane-d6	9.210	67	74214	21.185	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.720%
41) Toluene-d8	10.269	98	252684	22.190	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.760%
43) trans-1,3-Dichloroprop...	10.522	79	32922	22.358	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.440%
47) 2-Hexanone-d5	10.875	63	23172	51.165	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.340%
56) 1,1,2,2-Tetrachloroeth...	12.646	84	71279	22.971	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.880%
66) 1,2-Dichlorobenzene-d4	13.816	152	83303	21.407	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.640%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	72839	20.601	ug/L	99
3) Chloromethane	2.146	50	125587	26.650	ug/L	99
5) Vinyl chloride	2.281	62	211265	27.161	ug/L	94
6) Bromomethane	2.687	94	140499	23.398	ug/L	98
8) Chloroethane	2.834	64	144925	25.422	ug/L	97
9) Trichlorofluoromethane	3.170	101	123421	20.830	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	76340	21.486	ug/L	99
12) 1,1-Dichloroethene	3.934	96	69970	22.620	ug/L	99
13) Acetone	4.023	43	32828	43.132	ug/L	92
14) Carbon disulfide	4.270	76	251272	23.286	ug/L	98
15) Methyl Acetate	4.564	43	27980	26.981	ug/L #	80
16) Methylene chloride	4.799	84	94919	23.850	ug/L	98
17) trans-1,2-Dichloroethene	5.311	96	84682	25.332	ug/L	97
18) Methyl tert-butyl Ether	5.322	73	163798	27.628	ug/L #	91
19) 1,1-Dichloroethane	6.111	63	133999	24.897	ug/L #	96
20) cis-1,2-Dichloroethene	7.081	96	88833	25.521	ug/L	95
22) 2-Butanone	7.081	43	40997	51.275	ug/L	97
23) Bromochloromethane	7.422	128	45509	25.788	ug/L	92
25) Chloroform	7.593	83	151214	24.746	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	89841	25.327	ug/L #	94
29) Cyclohexane	7.881	56	93932	23.731	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	123287	23.737	ug/L	99
31) Carbon tetrachloride	7.987	117	112517	23.312	ug/L	94
33) Benzene	8.246	78	341198	26.113	ug/L	100
34) Trichloroethene	9.028	95	82926	24.641	ug/L	95
35) Methylcyclohexane	9.269	83	128822	23.102	ug/L	100
37) 1,2-Dichloropropane	9.305	63	83690	26.149	ug/L	100
38) Bromodichloromethane	9.581	83	113624	25.539	ug/L	94
39) cis-1,3-Dichloropropene	10.016	75	127367	25.493	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	78942	59.087	ug/L	96
42) Toluene	10.334	91	385113	26.543	ug/L	99
44) trans-1,3-Dichloropropene	10.552	75	112576	26.646	ug/L	96
45) 1,1,2-Trichloroethane	10.734	97	74506	26.536	ug/L	96
46) Tetrachloroethene	10.810	164	69006	23.288	ug/L	96
48) 2-Hexanone	10.922	43	61095	52.847	ug/L	99
49) Dibromochloromethane	11.069	129	82747	24.887	ug/L	97
50) 1,2-Dibromoethane	11.175	107	68526	26.556	ug/L #	99
51) Chlorobenzene	11.604	112	246369	25.520	ug/L	99
52) Ethylbenzene	11.681	91	396414	26.193	ug/L	100
53) m,p-Xylene	11.793	106	156899	26.424	ug/L	99
54) o-Xylene	12.122	106	154056	26.854	ug/L	97
55) Styrene	12.134	104	283219	27.843	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.669	83	83927	26.703	ug/L	95
59) Bromoform	12.299	173	52597	25.451	ug/L	97
60) Isopropylbenzene	12.416	105	390527	26.194	ug/L	98
61) 1,2,3-Trichloropropane	12.722	75	54879	27.568	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	273188	26.799	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	298641	27.390	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	182351	25.460	ug/L	97
65) 1,4-Dichlorobenzene	13.534	146	190723	25.131	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	168545	25.455	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.445	75	10688	26.117	ug/L	87
69) 1,3,5-Trichlorobenzene	14.593	180	108827	24.091	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	88410	23.565	ug/L	97
71) Naphthalene	15.328	128	182998	26.082	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	85705	26.431	ug/L	97

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

