

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
 Data File : VD076682.D
 Acq On : 03 Jul 2023 10:00
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025169

Quant Time: Jul 04 01:09:15 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	241190	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	208450	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	102874	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	109964	18.722	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.880%
7) Chloroethane-d5	2.799	69	89848	18.918	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.680%
11) 1,1-Dichloroethene-d2	3.917	65	32122	20.951	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.800%
21) 2-Butanone-d5	6.981	46	38700	43.505	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.000%
24) Chloroform-d	7.564	84	144074	22.673	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.680%
26) 1,2-Dichloroethane-d4	8.228	65	74071	23.629	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.520%
32) Benzene-d6	8.199	84	282994	22.193	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.760%
36) 1,2-Dichloropropane-d6	9.205	67	88429	21.726	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.920%
41) Toluene-d8	10.269	98	265682	22.502	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.000%
43) trans-1,3-Dichloroprop...	10.528	79	37498	22.150	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.600%
47) 2-Hexanone-d5	10.875	63	28169	44.585	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.160%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	67401	23.276	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.120%
66) 1,2-Dichlorobenzene-d4	13.816	152	88253	23.405	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.929	85	112801	30.014	ug/L	99
3) Chloromethane	2.146	50	138938	22.238	ug/L	98
5) Vinyl chloride	2.281	62	159133	23.610	ug/L	94
6) Bromomethane	2.693	94	83278	22.308	ug/L	99
8) Chloroethane	2.834	64	95101	23.035	ug/L	96
9) Trichlorofluoromethane	3.170	101	161107	33.059	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	94280	29.825	ug/L	100
12) 1,1-Dichloroethene	3.940	96	84744	27.073	ug/L	86
13) Acetone	4.023	43	30642	42.648	ug/L	96
14) Carbon disulfide	4.264	76	276512	24.369	ug/L	98
15) Methyl Acetate	4.558	43	33926	20.685	ug/L #	84
16) Methylene chloride	4.793	84	87439	20.858	ug/L	87
17) trans-1,2-Dichloroethene	5.311	96	87966	25.206	ug/L	93
18) Methyl tert-butyl Ether	5.317	73	188330	23.704	ug/L #	94
19) 1,1-Dichloroethane	6.105	63	156782	24.573	ug/L	95
20) cis-1,2-Dichloroethene	7.075	96	93517	23.994	ug/L	95
22) 2-Butanone	7.081	43	47105	40.626	ug/L	99
23) Bromochloromethane	7.428	128	41054	24.819	ug/L	87
25) Chloroform	7.593	83	161805	25.985	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	99882	26.084	ug/L #	94
29) Cyclohexane	7.875	56	149423	26.956	ug/L	96
30) 1,1,1-Trichloroethane	7.787	97	147078	30.372	ug/L	98
31) Carbon tetrachloride	7.987	117	125291	32.352	ug/L	98
33) Benzene	8.252	78	345299	25.029	ug/L	100
34) Trichloroethene	9.028	95	91668	25.866	ug/L	95
35) Methylcyclohexane	9.269	83	162281	28.396	ug/L	97
37) 1,2-Dichloropropane	9.305	63	89682	23.844	ug/L #	97
38) Bromodichloromethane	9.587	83	118277	27.571	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	138498	24.114	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	103384	44.184	ug/L	96
42) Toluene	10.334	91	375744	25.486	ug/L	97
44) trans-1,3-Dichloropropene	10.552	75	119009	25.493	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	63215	24.503	ug/L	96
46) Tetrachloroethene	10.810	164	75181	26.984	ug/L	97
48) 2-Hexanone	10.922	43	76801	47.925	ug/L	97
49) Dibromochloromethane	11.075	129	79132	26.990	ug/L	99
50) 1,2-Dibromoethane	11.181	107	60702	24.242	ug/L	81
51) Chlorobenzene	11.604	112	235826	25.621	ug/L	98
52) Ethylbenzene	11.681	91	420895	26.487	ug/L	100
53) m,p-Xylene	11.793	106	160565	25.712	ug/L	94
54) o-Xylene	12.122	106	149297	25.109	ug/L	98
55) Styrene	12.134	104	263075	25.609	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	71358	24.202	ug/L	94
59) Bromoform	12.299	173	47463	25.772	ug/L #	98
60) Isopropylbenzene	12.422	105	417739	26.548	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	48688	24.387	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	325028	25.818	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	321128	25.849	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	176082	25.154	ug/L	99
65) 1,4-Dichlorobenzene	13.540	146	176522	25.016	ug/L	97
67) 1,2-Dichlorobenzene	13.828	146	155295	24.902	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.445	75	11254	25.294	ug/L	97
69) 1,3,5-Trichlorobenzene	14.593	180	122984	26.339	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	102084	24.572	ug/L	100
71) Naphthalene	15.328	128	186248	23.415	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	88811	24.617	ug/L	100

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

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