

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090123\
 Data File : VD077082.D
 Acq On : 01 Sep 2023 12:13
 Operator : JC/SY
 Sample : VSTD10068
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD100168

Quant Time: Sep 02 01:23:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 02 01:20:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	298346	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	304521	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	169461	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	707463	81.618	ug/L	0.00
7) Chloroethane-d5	2.793	69	563631	72.372	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.916	65	161170	79.966	ug/L	0.00
21) 2-Butanone-d5	6.987	46	173383	134.644	ug/L	0.00
24) Chloroform-d	7.569	84	759337	76.593	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	369991	75.363	ug/L	0.00
32) Benzene-d6	8.198	84	1585586	80.340	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	441990	74.141	ug/L	0.00
41) Toluene-d8	10.269	98	1529477	84.650	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	211630	77.792	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	150570	137.710	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	391516	69.199	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	519704	82.442	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	342271	69.632	ug/L	98
3) Chloromethane	2.146	50	559185	86.986	ug/L	99
5) Vinyl chloride	2.281	62	683966	74.934	ug/L	100
6) Bromomethane	2.687	94	496223	73.830	ug/L	95
8) Chloroethane	2.834	64	447198	73.330	ug/L	98
9) Trichlorofluoromethane	3.169	101	604684	79.028	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	396990	79.772	ug/L	99
12) 1,1-Dichloroethene	3.940	96	366549	82.895	ug/L	93
13) Acetone	4.016	43	186498	138.884	ug/L	99
14) Carbon disulfide	4.269	76	1129481	74.953	ug/L	100
15) Methyl Acetate	4.563	43	149912	67.425	ug/L #	77
16) Methylene chloride	4.793	84	402800	63.951	ug/L	99
17) trans-1,2-Dichloroethene	5.310	96	403304	81.335	ug/L	93
18) Methyl tert-butyl Ether	5.310	73	875200	80.768	ug/L #	89
19) 1,1-Dichloroethane	6.104	63	641173	77.164	ug/L	98
20) cis-1,2-Dichloroethene	7.075	96	450146	80.896	ug/L	97
22) 2-Butanone	7.075	43	237619	128.519	ug/L	98
23) Bromochloromethane	7.428	128	203669	75.475	ug/L	98
25) Chloroform	7.593	83	717995	78.696	ug/L	99
27) 1,2-Dichloroethane	8.322	62	423615	74.656	ug/L	98
29) Cyclohexane	7.875	56	549377	82.564	ug/L	99
30) 1,1,1-Trichloroethane	7.787	97	610735	79.961	ug/L	98
31) Carbon tetrachloride	7.987	117	534519	84.991	ug/L	99
33) Benzene	8.251	78	1625527	81.217	ug/L	100
34) Trichloroethene	9.028	95	422204	80.675	ug/L	97
35) Methylcyclohexane	9.275	83	706910	83.746	ug/L	98
37) 1,2-Dichloropropane	9.304	63	399789	78.913	ug/L	100
38) Bromodichloromethane	9.581	83	537517	76.943	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	676743	82.760	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	452369	143.811	ug/L	99
42) Toluene	10.334	91	1810987	83.232	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	578594	81.133	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	339212	76.259	ug/L	93
46) Tetrachloroethene	10.810	164	347497	87.275	ug/L	98
48) 2-Hexanone	10.922	43	345938	143.508	ug/L	98
49) Dibromochloromethane	11.075	129	394991	78.356	ug/L	95
50) 1,2-Dibromoethane	11.181	107	334360	76.472	ug/L	94
51) Chlorobenzene	11.604	112	1174082	82.003	ug/L	97
52) Ethylbenzene	11.681	91	2006310	86.349	ug/L	99
53) m,p-Xylene	11.792	106	781363	86.866	ug/L	99
54) o-Xylene	12.122	106	780515	90.185	ug/L	98
55) Styrene	12.134	104	1378468	88.229	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	386310	70.466	ug/L	98
59) Bromoform	12.298	173	254851	75.646	ug/L	99
60) Isopropylbenzene	12.422	105	2037834	83.952	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	254558	65.927	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	1617283	87.080	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	1598112	86.815	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	915856	81.999	ug/L	98
65) 1,4-Dichlorobenzene	13.539	146	916940	79.662	ug/L	97
67) 1,2-Dichlorobenzene	13.828	146	844315	80.927	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	56800	63.534	ug/L	96
69) 1,3,5-Trichlorobenzene	14.592	180	614388	87.596	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	533090	86.657	ug/L	100
71) Naphthalene	15.333	128	1121428	79.475	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	483646	86.946	ug/L	98

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

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