Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110923\
Data File : VD077526.D
Acq On : 09 Nov 2023 09:46
Operator : JC/SY
Sample : VSTD02579
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD025179

Quant Time: Nov 10 00:04:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Nov 10 00:03:14 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	374687	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	339200	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	161639	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	201926	21.185	ug/L	0.00
7) Chloroethane-d5	2.811	69	166945	22.296	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	65	63883	21.675	ug/L	0.00
21) 2-Butanone-d5	6.987	46	72522	45.407	ug/L	0.00
24) Chloroform-d	7.569	84	249658	23.066	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	129803	22.545	ug/L	0.00
32) Benzene-d6	8.205	84	512099	23.261	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	166383	23.202	ug/L	0.00
41) Toluene-d8	10.269	98	457621	23.003	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	70824	22.906	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	58137	45.320	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	107085	22.539	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	133667	23.245	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	138145	22.893	ug/L	100
3) Chloromethane	2.152	50	201811	23.246	ug/L	100
5) Vinyl chloride	2.287	62	228236	23.293	ug/L	100
6) Bromomethane	2.699	94	122521	23.486	ug/L	100
8) Chloroethane	2.846	64	144132	23.660	ug/L	100
9) Trichlorofluoromethane	3.181	101	210090	23.560	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	127316	23.201	ug/L	100
12) 1,1-Dichloroethene	3.946	96	124075	23.163	ug/L	100
13) Acetone	4.028	43	80649	46.502	ug/L	100
14) Carbon disulfide	4.275	76	442952	23.087	ug/L	100
15) Methyl Acetate	4.569	43	63074	22.102	ug/L	100
16) Methylene chloride	4.811	84	137091	21.657	ug/L	100
17) trans-1,2-Dichloroethene	5.322	96	131622	23.483	ug/L	100
18) Methyl tert-butyl Ether	5.322	73	303072	23.038	ug/L	100
19) 1,1-Dichloroethane	6.116	63	263989	23.475	ug/L	100
20) cis-1,2-Dichloroethene	7.081	96	143619	23.585	ug/L	100
22) 2-Butanone	7.081	43	90479	42.855	ug/L	100
23) Bromochloromethane	7.434	128	55926	22.857	ug/L	100
25) Chloroform	7.599	83	246150	23.827	ug/L	100
27) 1,2-Dichloroethane	8.328	62	158731	23.178	ug/L	100
29) Cyclohexane	7.881	56	259296	23.544	ug/L	100
30) 1,1,1-Trichloroethane	7.799	97	209878	23.635	ug/L	100
31) Carbon tetrachloride	7.999	117	182262	23.883	ug/L	100
33) Benzene	8.252	78	563309	23.948	ug/L	100
34) Trichloroethene	9.028	95	139779	23.982	ug/L	100
35) Methylcyclohexane	9.275	83	250113	23.790	ug/L	100
37) 1,2-Dichloropropane	9.305	63	152863	23.377	ug/L	100
38) Bromodichloromethane	9.587	83	177399	23.651	ug/L	100
39) cis-1,3-Dichloropropene	10.016	75	236429	23.529	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	179615	45.074	ug/L	100
42) Toluene	10.334	91	590717	23.919	ug/L	100
44) trans-1,3-Dichloropropene	10.557	75	195816	23.584	ug/L	100

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Quant Title : SFAM01.0
QLast Update : Fri Nov 10 00:03:14 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	93148	23.303	ug/L	100
46) Tetrachloroethene	10.816	164	103401	24.111	ug/L	100
48) 2-Hexanone	10.922	43	143936	45.569	ug/L	100
49) Dibromochloromethane	11.075	129	104340	22.980	ug/L	100
50) 1,2-Dibromoethane	11.181	107	87123	22.792	ug/L	100
51) Chlorobenzene	11.610	112	345713	23.894	ug/L	100
52) Ethylbenzene	11.687	91	656100	24.145	ug/L	100
53) m,p-Xylene	11.793	106	239249	24.195	ug/L	100
54) o-Xylene	12.122	106	225416	23.802	ug/L	100
55) Styrene	12.134	104	394407	23.852	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	108654	23.075	ug/L	100
59) Bromoform	12.298	173	63186	22.928	ug/L	100
60) Isopropylbenzene	12.422	105	624704	23.893	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	75066	21.802	ug/L	100
62) 1,3,5-Trimethylbenzene	12.904	105	478652	24.122	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	482426	24.001	ug/L	100
64) 1,3-Dichlorobenzene	13.463	146	254363	23.714	ug/L	100
65) 1,4-Dichlorobenzene	13.540	146	255534	23.606	ug/L	100
67) 1,2-Dichlorobenzene	13.834	146	219811	23.179	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.445	75	16173	21.595	ug/L	100
69) 1,3,5-Trichlorobenzene	14.598	180	171983	23.548	ug/L	100
70) 1,2,4-trichlorobenzene	15.104	180	142014	23.072	ug/L	100
71) Naphthalene	15.334	128	260370	22.445	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	120290	22.919	ug/L	100

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

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