Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110923\
Data File : VD077528.D
Acq On : 09 Nov 2023 10:39
Operator : JC/SY
Sample : VSTD10001
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD100101

Quant Time: Nov 10 00:06:03 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	8.775	114	364444	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	344560	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	168395	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	860324	92.798	ug/L	0.00
7) Chloroethane-d5	2.805	69	679935	93.358	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	65	266739	93.046	ug/L	0.00
21) 2-Butanone-d5	6.987	46	326963	210.468	ug/L	0.00
24) Chloroform-d	7.569	84	1076675	102.269	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	576639	102.971	ug/L	0.00
32) Benzene-d6	8.204	84	2188442	97.859	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	707492	97.125	ug/L	0.00
41) Toluene-d8	10.269	98	2006766	99.306	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	313071	99.680	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	271231	208.144	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	498302	103.248	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	619318	103.380	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	568167	96.803	ug/L	100
3) Chloromethane	2.152	50	823130	97.479	ug/L	97
5) Vinyl chloride	2.287	62	934530	98.054	ug/L	98
6) Bromomethane	2.693	94	546255	107.655	ug/L	100
8) Chloroethane	2.840	64	571545	96.460	ug/L	90
9) Trichlorofluoromethane	3.181	101	850614	98.069	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	528340	98.986	ug/L	99
12) 1,1-Dichloroethene	3.946	96	516447	99.124	ug/L	96
13) Acetone	4.022	43	369362	218.957	ug/L	99
14) Carbon disulfide	4.275	76	1806617	96.809	ug/L	98
15) Methyl Acetate	4.563	43	275330	99.193	ug/L	99
16) Methylene chloride	4.805	84	545144	88.541	ug/L	97
17) trans-1,2-Dichloroethene	5.316	96	544927	99.955	ug/L	94
18) Methyl tert-butyl Ether	5.322	73	1296036	101.288	ug/L	99
19) 1,1-Dichloroethane	6.116	63	1087594	99.430	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	596912	100.779	ug/L	99
22) 2-Butanone	7.081	43	430346	209.561	ug/L	97
23) Bromochloromethane	7.428	128	240135	100.900	ug/L	97
25) Chloroform	7.598	83	1017069	101.218	ug/L	98
27) 1,2-Dichloroethane	8.328	62	660486	99.156	ug/L	98
29) Cyclohexane	7.881	56	1062900	95.009	ug/L	99
30) 1,1,1-Trichloroethane	7.798	97	860305	95.376	ug/L	100
31) Carbon tetrachloride	7.993	117	743385	95.897	ug/L	98
33) Benzene	8.251	78	2371062	99.233	ug/L	100
34) Trichloroethene	9.028	95	587260	99.188	ug/L	92
35) Methylcyclohexane	9.275	83	1058769	99.140	ug/L	99
37) 1,2-Dichloropropane	9.304	63	647566	97.488	ug/L	99
38) Bromodichloromethane	9.587	83	744112	97.663	ug/L	95
39) cis-1,3-Dichloropropene	10.016	75	1021426	100.068	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	804140	198.656	ug/L	99
42) Toluene	10.334	91	2518791	100.405	ug/L	100
44) trans-1,3-Dichloropropene	10.557	75	853396	101.183	ug/L	99

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Instrument :
MSVOA_D
ClientSampleId :
VSTD100101

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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)
45) 1,1,2-Trichloroethane	10.734	97	409178	100.774	ug/L	97
46) Tetrachloroethene	10.810	164	437704	100.474	ug/L	95
48) 2-Hexanone	10.922	43	654458	203.974	ug/L	99
49) Dibromochloromethane	11.075	129	464904	100.799	ug/L	100
50) 1,2-Dibromoethane	11.181	107	388527	100.062	ug/L	98
51) Chlorobenzene	11.610	112	1486772	101.162	ug/L	99
52) Ethylbenzene	11.687	91	2793804	101.213	ug/L	98
53) m,p-Xylene	11.792	106	1024727	102.018	ug/L	98
54) o-Xylene	12.122	106	1013690	105.371	ug/L	96
55) Styrene	12.134	104	1762349	104.919	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	480625	100.481	ug/L	98
59) Bromoform	12.298	173	275739	96.042	ug/L	98
60) Isopropylbenzene	12.422	105	2686726	98.638	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	339820	94.737	ug/L	100
62) 1,3,5-Trimethylbenzene	12.904	105	2082697	100.747	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	2130788	101.754	ug/L	100
64) 1,3-Dichlorobenzene	13.463	146	1103453	98.747	ug/L	99
65) 1,4-Dichlorobenzene	13.539	146	1108902	98.330	ug/L	98
67) 1,2-Dichlorobenzene	13.833	146	991715	100.382	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.451	75	74972	96.090	ug/L	87
69) 1,3,5-Trichlorobenzene	14.592	180	771207	101.359	ug/L	99
70) 1,2,4-trichlorobenzene	15.104	180	660510	103.002	ug/L	99
71) Naphthalene	15.333	128	1259828	104.244	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	567331	103.759	ug/L	99

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

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