Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020124\
Data File : VD078297.D
Acq On : 31 Jan 2024 18:08
Operator : RP/MD
Sample : VSTD05012
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD050112

Quant Time: Feb 01 04:01:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM020124SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Feb 01 03:57:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.781	114	222565	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.580	117	220728	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	107137	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.275	65	299358	47.664	ug/L		0.00
7) Chloroethane-d5	2.799	69	243793	48.425	ug/L		0.00
11) 1,1-Dichloroethene-d2	3.910	65	65086	41.047	ug/L		0.00
21) 2-Butanone-d5	6.987	46	89768	110.484	ug/L		0.00
24) Chloroform-d	7.569	84	304321	49.260	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.234	65	164284	52.193	ug/L		0.00
32) Benzene-d6	8.204	84	616090	45.717	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.210	67	187212	45.660	ug/L		0.00
41) Toluene-d8	10.269	98	574418	46.556	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.522	79	88884	48.483	ug/L		0.00
47) 2-Hexanone-d5	10.875	63	83746	111.834	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	174468	55.371	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	183926	47.167	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.934	85	227715	60.230	ug/L		96
3) Chloromethane	2.152	50	335103	61.500	ug/L		100
5) Vinyl chloride	2.281	62	417470	62.041	ug/L		98
6) Bromomethane	2.687	94	203268	58.771	ug/L		100
8) Chloroethane	2.834	64	258110	61.107	ug/L		98
9) Trichlorofluoromethane	3.169	101	297947	53.198	ug/L		99
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	183882	55.688	ug/L		98
12) 1,1-Dichloroethene	3.940	96	176080	56.466	ug/L		98
13) Acetone	4.022	43	136808	127.695	ug/L		99
14) Carbon disulfide	4.269	76	620483	56.034	ug/L		98
15) Methyl Acetate	4.563	43	93238	61.528	ug/L	#	76
16) Methylene chloride	4.798	84	203252	49.402	ug/L		99
17) trans-1,2-Dichloroethene	5.316	96	192441	58.332	ug/L		91
18) Methyl tert-butyl Ether	5.322	73	461005	62.561	ug/L		99
19) 1,1-Dichloroethane	6.110	63	326837	53.438	ug/L		98
20) cis-1,2-Dichloroethene	7.081	96	214382	58.479	ug/L		94
22) 2-Butanone	7.081	43	171742	140.975	ug/L		98
23) Bromochloromethane	7.422	128	94295	60.408	ug/L		94
25) Chloroform	7.598	83	356301	58.111	ug/L		97
27) 1,2-Dichloroethane	8.328	62	231030	59.934	ug/L		100
29) Cyclohexane	7.881	56	278412	48.200	ug/L		97
30) 1,1,1-Trichloroethane	7.792	97	283209	51.273	ug/L		99
31) Carbon tetrachloride	7.992	117	246834	51.142	ug/L		99
33) Benzene	8.251	78	798364	53.856	ug/L		100
34) Trichloroethene	9.028	95	195468	53.350	ug/L		94
35) Methylcyclohexane	9.275	83	326983	51.424	ug/L		98
37) 1,2-Dichloropropane	9.304	63	207971	54.098	ug/L		100
38) Bromodichloromethane	9.586	83	265150	55.601	ug/L	#	96
39) cis-1,3-Dichloropropene	10.016	75	340290	56.377	ug/L		100
40) 4-Methyl-2-pentanone	10.157	43	269790	121.080	ug/L		99
42) Toluene	10.333	91	855108	54.604	ug/L		96
44) trans-1,3-Dichloropropene	10.551	75	288624	56.559	ug/L		97

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Quant Title : SFAM01.0
QLast Update : Thu Feb 01 03:57:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	10.733	97	167503	61.644	ug/L		96
46) Tetrachloroethene	10.810	164	135062	47.242	ug/L		96
48) 2-Hexanone	10.922	43	232497	124.130	ug/L		97
49) Dibromochloromethane	11.075	129	183783	57.695	ug/L		94
50) 1,2-Dibromoethane	11.180	107	163481	62.264	ug/L	#	97
51) Chlorobenzene	11.610	112	533160	54.693	ug/L		100
52) Ethylbenzene	11.680	91	912672	52.924	ug/L		99
53) m,p-Xylene	11.792	106	347130	53.293	ug/L		92
54) o-Xylene	12.122	106	346429	55.469	ug/L		98
55) Styrene	12.133	104	639896	58.163	ug/L		100
57) 1,1,2,2-Tetrachloroethane	12.675	83	209944	63.988	ug/L		96
59) Bromoform	12.298	173	113490	60.243	ug/L		97
60) Isopropylbenzene	12.422	105	890140	54.575	ug/L		99
61) 1,2,3-Trichloropropane	12.727	75	137034	62.505	ug/L		98
62) 1,3,5-Trimethylbenzene	12.904	105	708920	57.565	ug/L		99
63) 1,2,4-Trimethylbenzene	13.210	105	713508	57.164	ug/L		98
64) 1,3-Dichlorobenzene	13.457	146	381345	53.889	ug/L		97
65) 1,4-Dichlorobenzene	13.533	146	390372	52.823	ug/L		99
67) 1,2-Dichlorobenzene	13.833	146	364273	56.519	ug/L		98
68) 1,2-Dibromo-3-chloropr...	14.445	75	30148	59.966	ug/L		97
69) 1,3,5-Trichlorobenzene	14.592	180	239773	50.617	ug/L		98
70) 1,2,4-trichlorobenzene	15.098	180	207500	51.508	ug/L		99
71) Naphthalene	15.327	128	510045	65.177	ug/L		99
72) 1,2,3-Trichlorobenzene	15.521	180	190456	53.003	ug/L		98

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

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