Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110623\
Data File : VW027539.D
Acq On : 06 Nov 2023 09:44
Operator : SY/MD
Sample : VSTD02568
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025468

Quant Time: Nov 07 00:25:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110623SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Nov 07 00:24:09 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	466286	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	420008	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	198786	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	201204	23.833	ug/L	0.00
7) Chloroethane-d5	2.899	69	140266	24.107	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	90800	24.677	ug/L	0.00
21) 2-Butanone-d5	7.081	46	88672	48.489	ug/L	0.00
24) Chloroform-d	7.648	84	337576	24.814	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	175765	25.428	ug/L	0.00
32) Benzene-d6	8.276	84	710477	25.301	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	219057	25.252	ug/L	0.00
41) Toluene-d8	10.325	98	639024	25.435	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	86809	26.124	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	69752	52.828	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	152194	26.102	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	188038	24.886	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	121226	23.593	ug/L	100
3) Chloromethane	2.222	50	159132	23.099	ug/L	100
5) Vinyl chloride	2.375	62	182024	23.290	ug/L	100
6) Bromomethane	2.789	94	100982	23.422	ug/L	100
8) Chloroethane	2.936	64	104215	23.318	ug/L	100
9) Trichlorofluoromethane	3.271	101	140179	23.698	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	139452	23.593	ug/L	100
12) 1,1-Dichloroethene	4.045	96	147989	24.052	ug/L	100
13) Acetone	4.131	43	95995	49.701	ug/L	100
14) Carbon disulfide	4.387	76	501569	23.699	ug/L	100
15) Methyl Acetate	4.679	43	68613	24.027	ug/L	98
16) Methylene chloride	4.917	84	161198	21.181	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	154151	23.655	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	235576	24.230	ug/L	100
19) 1,1-Dichloroethane	6.222	63	309334	23.843	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	168639	23.940	ug/L	100
22) 2-Butanone	7.173	43	119790	48.762	ug/L	100
23) Bromochloromethane	7.520	128	69506	23.731	ug/L	100
25) Chloroform	7.679	83	287359	23.857	ug/L	100
27) 1,2-Dichloroethane	8.398	62	188516	23.785	ug/L	100
29) Cyclohexane	7.959	56	305835	24.038	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	235599	23.967	ug/L	100
31) Carbon tetrachloride	8.069	117	206852	24.040	ug/L	100
33) Benzene	8.325	78	669004	24.106	ug/L	100
34) Trichloroethene	9.093	95	171425	23.899	ug/L	100
35) Methylcyclohexane	9.337	83	313876	24.158	ug/L	100
37) 1,2-Dichloropropane	9.367	63	175208	24.011	ug/L	100
38) Bromodichloromethane	9.642	83	203458	24.513	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	265268	24.589	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	203018	49.826	ug/L	100
42) Toluene	10.386	91	695712	24.163	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	215423	24.850	ug/L	100

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	113541	23.932	ug/L	100
46) Tetrachloroethene	10.861	164	121618	23.626	ug/L	100
48) 2-Hexanone	10.965	43	174489	53.816	ug/L	100
49) Dibromochloromethane	11.129	129	116573	24.302	ug/L	100
50) 1,2-Dibromoethane	11.233	107	107157	24.101	ug/L	100
51) Chlorobenzene	11.654	112	421950	23.811	ug/L	100
52) Ethylbenzene	11.727	91	791882	24.116	ug/L	100
53) m,p-Xylene	11.836	106	298908	24.687	ug/L	100
54) o-Xylene	12.166	106	277404	24.199	ug/L	100
55) Styrene	12.178	104	477421	24.577	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	136997	24.648	ug/L	100
59) Bromoform	12.349	173	60662	23.643	ug/L	100
60) Isopropylbenzene	12.458	105	785139	24.115	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	99158	24.181	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	600898	24.207	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	607388	23.909	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	314584	23.778	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	311591	23.509	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	270841	23.460	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	20336	22.218	ug/L	100
69) 1,3,5-Trichlorobenzene	14.623	180	200762	23.656	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	166752	24.182	ug/L	100
71) Naphthalene	15.360	128	313919	24.448	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	134868	23.517	ug/L	100

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

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