Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013125\
Data File : VW031675.D
Acq On : 31 Jan 2025 18:34
Operator : SY/MD
Sample : VSTD10062
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD100462

Quant Time: Feb 03 07:34:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM013125SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Feb 03 07:30:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	433176	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	300617	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	129736	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	586508	89.051	ug/L	0.00
7) Chloroethane-d5	2.899	69	382879	82.269	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	286649	97.505	ug/L	0.00
21) 2-Butanone-d5	7.081	46	408332	326.694	ug/L	-0.01
24) Chloroform-d	7.642	84	841205	79.329	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.301	65	292958	58.973	ug/L	0.00
32) Benzene-d6	8.270	84	1881035	100.744	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	451038	84.876	ug/L	0.00
41) Toluene-d8	10.318	98	1687914	100.803	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	139030	67.578	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	194224	308.998	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	313003	93.290	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	372393	85.077	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.009	85	685568	119.038	ug/L #	87
3) Chloromethane	2.228	50	614506	105.565	ug/L	95
5) Vinyl chloride	2.381	62	864671	114.692	ug/L	97
6) Bromomethane	2.783	94	344929	81.145	ug/L	94
8) Chloroethane	2.930	64	410487	95.998	ug/L	95
9) Trichlorofluoromethane	3.259	101	737467	102.861	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.063	101	802827	136.979	ug/L	95
12) 1,1-Dichloroethene	4.045	96	730251	122.962	ug/L	97
13) Acetone	4.137	43	280441	281.585	ug/L	98
14) Carbon disulfide	4.393	76	2292672	116.464	ug/L	97
15) Methyl Acetate	4.673	43	275806	116.737	ug/L #	100
16) Methylene chloride	4.929	84	407369	72.350	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	705028	111.539	ug/L	92
18) Methyl tert-butyl Ether	5.429	73	536177	59.076	ug/L	99
19) 1,1-Dichloroethane	6.209	63	1072590	93.669	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	590097	91.366	ug/L	96
22) 2-Butanone	7.173	43	465174	287.531	ug/L	98
23) Bromochloromethane	7.514	128	175761	72.212	ug/L	99
25) Chloroform	7.673	83	930973	86.734	ug/L	95
27) 1,2-Dichloroethane	8.398	62	404712	63.559	ug/L	99
29) Cyclohexane	7.953	56	1608521	155.007	ug/L	97
30) 1,1,1-Trichloroethane	7.868	97	1056188	130.154	ug/L	99
31) Carbon tetrachloride	8.063	117	1002916	137.187	ug/L	99
33) Benzene	8.319	78	2436489	113.868	ug/L	100
34) Trichloroethene	9.087	95	741626	126.730	ug/L	93
35) Methylcyclohexane	9.331	83	1676243	155.293	ug/L	100
37) 1,2-Dichloropropane	9.361	63	465841	90.897	ug/L	100
38) Bromodichloromethane	9.642	83	511054	84.657	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	634126	82.148	ug/L	97
40) 4-Methyl-2-pentanone	10.203	43	615406	229.041	ug/L	99
42) Toluene	10.386	91	2599285	116.409	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	463898	76.113	ug/L	98

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM013125SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Feb 03 07:30:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	267046	82.889	ug/L	97
46) Tetrachloroethene	10.855	164	571333	133.749	ug/L	93
48) 2-Hexanone	10.965	43	515786	299.222	ug/L	99
49) Dibromochloromethane	11.123	129	273287	79.413	ug/L	95
50) 1,2-Dibromoethane	11.233	107	260933	87.164	ug/L	97
51) Chlorobenzene	11.654	112	1319285	98.961	ug/L	90
52) Ethylbenzene	11.727	91	3089872	120.749	ug/L	98
53) m,p-Xylene	11.836	106	1137112	117.933	ug/L	95
54) o-Xylene	12.160	106	927034	104.654	ug/L	98
55) Styrene	12.178	104	1439036	99.560	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	349781	96.158	ug/L	94
59) Bromoform	12.349	173	145829	86.918	ug/L	97
60) Isopropylbenzene	12.458	105	3281426	135.772	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	266518	106.095	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	2429152	124.573	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	2185008	117.536	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	915017	100.096	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	877180	97.735	ug/L	97
67) 1,2-Dichlorobenzene	13.861	146	716430	93.123	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	79657	133.862	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	641096	104.034	ug/L	99
70) 1,2,4-trichlorobenzene	15.122	180	451555	93.789	ug/L	96
71) Naphthalene	15.360	128	963885	105.341	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	372273	91.325	ug/L	96

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

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Quant Title : SFAM01.0
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