Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062623\
Data File : VW026332.D
Acq On : 26 Jun 2023 12:48
Operator : SY/MD
Sample : VSTD10069
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD100469

Quant Time: Jun 27 01:27:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Jun 27 01:25:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	724680	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	665192	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	287104	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	1136469	107.976	ug/L	0.00
7) Chloroethane-d5	2.893	69	770113	102.729	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	512486	107.522	ug/L	0.00
21) 2-Butanone-d5	7.069	46	665982	201.757	ug/L	-0.01
24) Chloroform-d	7.648	84	2006437	97.708	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	1123401	97.362	ug/L	0.00
32) Benzene-d6	8.276	84	4119899	100.061	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	1328165	99.271	ug/L	0.00
41) Toluene-d8	10.325	98	3717424	103.149	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	570161	106.140	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	459613	223.684	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	984588	93.473	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.855	152	1053980	105.435	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	903691	105.432	ug/L	99
3) Chloromethane	2.229	50	1321280	104.896	ug/L	99
5) Vinyl chloride	2.375	62	1264668	96.563	ug/L	98
6) Bromomethane	2.783	94	692503	96.335	ug/L	96
8) Chloroethane	2.930	64	673044	95.839	ug/L	99
9) Trichlorofluoromethane	3.265	101	980092	106.096	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	972385	98.505	ug/L	98
12) 1,1-Dichloroethene	4.051	96	943063	100.645	ug/L	96
13) Acetone	4.112	43	426461	161.030	ug/L	99
14) Carbon disulfide	4.387	76	3235671	97.722	ug/L	100
15) Methyl Acetate	4.667	43	588283	97.850	ug/L	100
16) Methylene chloride	4.923	84	988946	80.432	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	1036873	100.496	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	1666774	103.475	ug/L	99
19) 1,1-Dichloroethane	6.216	63	2097166	97.229	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	1134642	101.947	ug/L	98
22) 2-Butanone	7.167	43	762621	188.211	ug/L	99
23) Bromochloromethane	7.514	128	461683	96.712	ug/L	96
25) Chloroform	7.679	83	1908894	95.492	ug/L	100
27) 1,2-Dichloroethane	8.398	62	1354595	94.428	ug/L	97
29) Cyclohexane	7.959	56	2054421	106.955	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	1515689	94.190	ug/L	99
31) Carbon tetrachloride	8.069	117	1374340	95.007	ug/L	99
33) Benzene	8.325	78	4279832	95.251	ug/L	100
34) Trichloroethene	9.093	95	1126710	97.938	ug/L	98
35) Methylcyclohexane	9.337	83	2045495	103.682	ug/L	99
37) 1,2-Dichloropropane	9.368	63	1192378	96.124	ug/L	100
38) Bromodichloromethane	9.642	83	1398249	96.991	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	1901673	105.732	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	1710249	211.067	ug/L	98
42) Toluene	10.386	91	4438633	98.473	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	1589333	104.686	ug/L	99

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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	10.782	97	806225	95.918	ug/L	99
46) Tetrachloroethene	10.861	164	806666	99.527	ug/L	88
48) 2-Hexanone	10.965	43	1195038	209.020	ug/L	98
49) Dibromochloromethane	11.129	129	860494	99.981	ug/L	98
50) 1,2-Dibromoethane	11.233	107	757091	98.109	ug/L	100
51) Chlorobenzene	11.654	112	2772409	96.471	ug/L	100
52) Ethylbenzene	11.727	91	5072892	99.879	ug/L	95
53) m,p-Xylene	11.837	106	1912232	103.234	ug/L	89
54) o-Xylene	12.166	106	1839789	105.488	ug/L	85
55) Styrene	12.178	104	3187960	104.802	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	952258	90.636	ug/L	97
59) Bromoform	12.343	173	485638	111.815	ug/L	99
60) Isopropylbenzene	12.465	105	5050821	117.051	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	711302	101.920	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	3964210	118.513	ug/L	99
63) 1,2,4-Trimethylbenzene	13.251	105	3876808	120.169	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	1924641	104.136	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	1800678	97.355	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	1651744	100.343	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.482	75	164808	102.646	ug/L	97
69) 1,3,5-Trichlorobenzene	14.629	180	1283255	108.053	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	1086412	111.781	ug/L	98
71) Naphthalene	15.360	128	2578134	131.959	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	995268	109.682	ug/L	99

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

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