Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061824\
Data File : VW029170.D
Acq On : 18 Jun 2024 11:07
Operator : SY/MD
Sample : VSTD10050
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD100450

Quant Time: Jun 19 00:54:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jun 19 00:51:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	265546	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	251106	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	125388	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	352288	95.848	ug/L	0.00
7) Chloroethane-d5	2.893	69	297711	97.430	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	172761	97.351	ug/L	0.00
21) 2-Butanone-d5	7.069	46	243341	221.292	ug/L	0.00
24) Chloroform-d	7.648	84	793096	100.121	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	452649	99.526	ug/L	0.00
32) Benzene-d6	8.270	84	1550890	101.683	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	494111	101.913	ug/L	0.00
41) Toluene-d8	10.319	98	1414330	104.811	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	216340	110.729	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	183809	244.897	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	382350	99.086	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	449607	103.303	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.009	85	235541	86.705	ug/L	94
3) Chloromethane	2.229	50	346098	93.691	ug/L	100
5) Vinyl chloride	2.375	62	371013	87.458	ug/L	95
6) Bromomethane	2.783	94	231129	90.649	ug/L	90
8) Chloroethane	2.930	64	245128	94.474	ug/L	99
9) Trichlorofluoromethane	3.259	101	343361	103.711	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	330686	96.145	ug/L	93
12) 1,1-Dichloroethene	4.039	96	305754	99.371	ug/L	91
13) Acetone	4.119	43	179447	192.023	ug/L	94
14) Carbon disulfide	4.387	76	926619	92.253	ug/L	100
15) Methyl Acetate	4.667	43	192643	103.840	ug/L	100
16) Methylene chloride	4.917	84	335872	71.932	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	346014	101.262	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	595430	108.965	ug/L	98
19) 1,1-Dichloroethane	6.216	63	728860	98.762	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	392060	104.048	ug/L	98
22) 2-Butanone	7.167	43	277074	216.858	ug/L	100
23) Bromochloromethane	7.514	128	164377	97.994	ug/L	96
25) Chloroform	7.673	83	702518	97.484	ug/L	100
27) 1,2-Dichloroethane	8.398	62	505994	95.202	ug/L	100
29) Cyclohexane	7.953	56	620277	108.052	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	546047	97.792	ug/L	96
31) Carbon tetrachloride	8.069	117	502513	98.516	ug/L	95
33) Benzene	8.319	78	1483203	98.305	ug/L	100
34) Trichloroethene	9.087	95	395880	98.348	ug/L	98
35) Methylcyclohexane	9.331	83	649272	102.562	ug/L	99
37) 1,2-Dichloropropane	9.368	63	411249	96.961	ug/L	98
38) Bromodichloromethane	9.642	83	521344	100.576	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	665504	111.047	ug/L	93
40) 4-Methyl-2-pentanone	10.209	43	578062	219.986	ug/L	98
42) Toluene	10.386	91	1600095	103.161	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	562771	111.212	ug/L	95

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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	284607	96.388	ug/L	97
46) Tetrachloroethene	10.861	164	271294	96.413	ug/L	89
48) 2-Hexanone	10.965	43	418651	224.529	ug/L	99
49) Dibromochloromethane	11.123	129	324640	105.179	ug/L	95
50) 1,2-Dibromoethane	11.233	107	268715	101.382	ug/L	98
51) Chlorobenzene	11.654	112	1003750	99.654	ug/L	95
52) Ethylbenzene	11.727	91	1855957	105.412	ug/L	97
53) m,p-Xylene	11.837	106	679054	105.589	ug/L	95
54) o-Xylene	12.160	106	658006	109.477	ug/L	94
55) Styrene	12.178	104	1140661	108.846	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.709	83	357637	97.918	ug/L	97
59) Bromoform	12.349	173	178342	103.776	ug/L	98
60) Isopropylbenzene	12.465	105	1812605	108.491	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	262938	96.141	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	1379661	114.022	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	1469106	112.845	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	737419	101.992	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	741225	96.354	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	669868	100.218	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	60934	95.473	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	492518	100.933	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	428164	108.242	ug/L	99
71) Naphthalene	15.354	128	924020	118.356	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	373034	103.500	ug/L	99

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

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