Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090523\
Data File : VW026993.D
Acq On : 05 Sep 2023 11:35
Operator : SY/MD
Sample : VSTD10032
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD100432

Quant Time: Sep 06 01:36:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Sep 06 01:32:52 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.843	114	673756	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.629	117	658077	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	365580	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.369	65	1055813	87.714	ug/L		0.00
7) Chloroethane-d5	2.893	69	922425	94.950	ug/L		0.00
11) 1,1-Dichloroethene-d2	4.027	65	419011	93.799	ug/L		0.00
21) 2-Butanone-d5	7.075	46	445979	195.496	ug/L		0.00
24) Chloroform-d	7.648	84	1977504	98.634	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.307	65	969832	92.032	ug/L		0.00
32) Benzene-d6	8.276	84	4192485	97.128	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.270	67	1252708	98.869	ug/L		0.00
41) Toluene-d8	10.325	98	3868582	98.992	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.575	79	508537	103.411	ug/L		0.00
47) 2-Hexanone-d5	10.922	63	276062	233.347	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	979730	99.627	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	1258731	99.551	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.015	85	651985	83.895	ug/L	#	85
3) Chloromethane	2.235	50	1169344	100.046	ug/L		98
5) Vinyl chloride	2.375	62	1294637	97.083	ug/L		97
6) Bromomethane	2.783	94	869181	98.758	ug/L		96
8) Chloroethane	2.930	64	820762	98.061	ug/L		99
9) Trichlorofluoromethane	3.259	101	854681	110.615	ug/L		97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	970786	101.037	ug/L		94
12) 1,1-Dichloroethene	4.045	96	950663	99.866	ug/L		91
13) Acetone	4.118	43	311567	153.420	ug/L		98
14) Carbon disulfide	4.393	76	3019826	98.906	ug/L		97
15) Methyl Acetate	4.667	43	436118	99.851	ug/L	#	89
16) Methylene chloride	4.923	84	1009774	76.230	ug/L		99
17) trans-1,2-Dichloroethene	5.423	96	1074425	103.122	ug/L		95
18) Methyl tert-butyl Ether	5.423	73	1560173	107.512	ug/L		99
19) 1,1-Dichloroethane	6.210	63	1995376	101.597	ug/L		98
20) cis-1,2-Dichloroethene	7.167	96	1194503	104.179	ug/L		97
22) 2-Butanone	7.167	43	578645	178.322	ug/L		97
23) Bromochloromethane	7.514	128	505617	101.614	ug/L		95
25) Chloroform	7.679	83	1928907	100.134	ug/L		97
27) 1,2-Dichloroethane	8.398	62	1227275	100.708	ug/L		99
29) Cyclohexane	7.959	56	1858877	108.342	ug/L		99
30) 1,1,1-Trichloroethane	7.868	97	1459834	97.932	ug/L		99
31) Carbon tetrachloride	8.069	117	1343586	101.129	ug/L		100
33) Benzene	8.325	78	4441404	98.687	ug/L		100
34) Trichloroethene	9.093	95	1179831	102.029	ug/L		95
35) Methylcyclohexane	9.337	83	2088456	106.298	ug/L		99
37) 1,2-Dichloropropane	9.368	63	1157342	100.771	ug/L		100
38) Bromodichloromethane	9.642	83	1388341	102.646	ug/L		97
39) cis-1,3-Dichloropropene	10.075	75	1876195	110.013	ug/L		97
40) 4-Methyl-2-pentanone	10.209	43	1279197	215.742	ug/L		99
42) Toluene	10.386	91	4755743	102.683	ug/L		99
44) trans-1,3-Dichloropropene	10.605	75	1503756	108.613	ug/L		99

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Sep 06 01:32:52 2023
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	818143	98.887	ug/L		97
46) Tetrachloroethene	10.861	164	856126	96.989	ug/L		81
48) 2-Hexanone	10.965	43	888872	225.340	ug/L		98
49) Dibromochloromethane	11.129	129	879826	103.236	ug/L		89
50) 1,2-Dibromoethane	11.233	107	758928	101.322	ug/L		98
51) Chlorobenzene	11.654	112	2999038	100.531	ug/L		96
52) Ethylbenzene	11.727	91	5432411	105.802	ug/L		96
53) m,p-Xylene	11.837	106	2096667	107.950	ug/L		100
54) o-Xylene	12.166	106	2012069	110.715	ug/L		96
55) Styrene	12.178	104	3418055	110.203	ug/L		95
57) 1,1,2,2-Tetrachloroethane	12.708	83	993021	101.435	ug/L		100
59) Bromoform	12.349	173	543697	104.576	ug/L		97
60) Isopropylbenzene	12.465	105	5400995	107.847	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	690860	98.785	ug/L		99
62) 1,3,5-Trimethylbenzene	12.940	105	4479417	112.090	ug/L		99
63) 1,2,4-Trimethylbenzene	13.245	105	4393891	112.461	ug/L		100
64) 1,3-Dichlorobenzene	13.501	146	2221812	97.522	ug/L		95
65) 1,4-Dichlorobenzene	13.580	146	2250351	97.193	ug/L		92
67) 1,2-Dichlorobenzene	13.867	146	2065294	100.615	ug/L		97
68) 1,2-Dibromo-3-chloropr...	14.482	75	152441	96.122	ug/L	#	90
69) 1,3,5-Trichlorobenzene	14.629	180	1621236	102.441	ug/L		99
70) 1,2,4-trichlorobenzene	15.129	180	1427084	110.750	ug/L		92
71) Naphthalene	15.360	128	2687099	117.852	ug/L		99
72) 1,2,3-Trichlorobenzene	15.549	180	1185946	101.527	ug/L		98

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

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