Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110621\
Data File : VW020772.D
Acq On : 05 Nov 2021 10:31
Operator : SY/VA
Sample : VSTD10017
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD100417

Quant Time: Nov 08 03:45:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Nov 08 03:42:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.848	114	175330	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.634	117	167355	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	88786	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.349	65	145976	88.552	ug/L		0.00
7) Chloroethane-d5	2.879	69	97515	103.887	ug/L		0.00
11) 1,1-Dichloroethene-d2	4.019	63	323974	93.630	ug/L		0.00
21) 2-Butanone-d5	7.074	46	124589	227.573	ug/L		0.00
24) Chloroform-d	7.647	84	386255	99.147	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.305	65	211249	101.860	ug/L		0.00
32) Benzene-d6	8.275	84	687263	90.893	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.274	67	218850	93.485	ug/L		0.00
41) Toluene-d8	10.323	98	667610	90.755	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.579	79	113521	97.768	ug/L		0.00
47) 2-Hexanone-d5	10.927	63	98355	207.645	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	199424	102.788	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	260926	93.514	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.007	85	104380	146.000	ug/L		100
3) Chloromethane	2.215	50	183441	98.060	ug/L		98
5) Vinyl chloride	2.361	62	261715	96.994	ug/L		100
6) Bromomethane	2.769	94	140932	100.922	ug/L		96
8) Chloroethane	2.916	64	110645	111.519	ug/L		100
9) Trichlorofluoromethane	3.257	101	138574	96.828	ug/L		98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	234980	99.836	ug/L		92
12) 1,1-Dichloroethene	4.038	96	220298	98.210	ug/L		84
13) Acetone	4.117	43	100311	196.882	ug/L		97
14) Carbon disulfide	4.385	76	663550	98.001	ug/L		99
15) Methyl Acetate	4.665	43	102714	113.749	ug/L		95
16) Methylene chloride	4.915	84	215818	83.125	ug/L		90
17) trans-1,2-Dichloroethene	5.428	96	235490	98.761	ug/L		90
18) Methyl tert-butyl Ether	5.428	73	328106	97.245	ug/L		96
19) 1,1-Dichloroethane	6.220	63	413595	100.153	ug/L		99
20) cis-1,2-Dichloroethene	7.171	96	252253	100.358	ug/L		84
22) 2-Butanone	7.165	43	147102	217.278	ug/L		94
23) Bromochloromethane	7.513	128	119151	102.726	ug/L	#	78
25) Chloroform	7.677	83	424410	98.718	ug/L		97
27) 1,2-Dichloroethane	8.397	62	285199	102.474	ug/L		98
29) Cyclohexane	7.958	56	406574	93.115	ug/L		92
30) 1,1,1-Trichloroethane	7.872	97	369955	93.022	ug/L		95
31) Carbon tetrachloride	8.067	117	362517	95.788	ug/L		99
33) Benzene	8.323	78	933063	93.094	ug/L		100
34) Trichloroethene	9.092	95	255051	95.600	ug/L		93
35) Methylcyclohexane	9.335	83	436335	93.720	ug/L		91
37) 1,2-Dichloropropane	9.366	63	228106	96.124	ug/L		98
38) Bromodichloromethane	9.646	83	327717	98.655	ug/L		99
39) cis-1,3-Dichloropropene	10.073	75	391537	101.383	ug/L		100
40) 4-Methyl-2-pentanone	10.207	43	316757	204.241	ug/L	#	95
42) Toluene	10.390	91	1032351	95.784	ug/L		98
44) trans-1,3-Dichloropropene	10.603	75	353797	101.278	ug/L		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	178493	101.354	ug/L		94
46) Tetrachloroethene	10.866	164	230726	96.419	ug/L		94
48) 2-Hexanone	10.969	43	230345	203.402	ug/L	#	96
49) Dibromochloromethane	11.128	129	239600	99.627	ug/L		98
50) 1,2-Dibromoethane	11.237	107	181559	101.675	ug/L	#	96
51) Chlorobenzene	11.658	112	677659	97.479	ug/L		95
52) Ethylbenzene	11.731	91	1167022	96.642	ug/L		99
53) m,p-Xylene	11.841	106	466515	96.422	ug/L		98
54) o-Xylene	12.164	106	445776	97.264	ug/L		99
55) Styrene	12.182	104	779697	100.069	ug/L		96
57) 1,1,2,2-Tetrachloroethane	12.713	83	206019	99.814	ug/L	#	97
59) Bromoform	12.347	173	160758	107.046	ug/L		98
60) Isopropylbenzene	12.463	105	1214695	99.260	ug/L		96
61) 1,2,3-Trichloropropane	12.768	75	151563	103.296	ug/L		94
62) 1,3,5-Trimethylbenzene	12.945	105	1046104	99.481	ug/L		96
63) 1,2,4-Trimethylbenzene	13.249	105	1024089	98.036	ug/L		96
64) 1,3-Dichlorobenzene	13.499	146	558316	98.402	ug/L		96
65) 1,4-Dichlorobenzene	13.579	146	556704	98.497	ug/L		92
67) 1,2-Dichlorobenzene	13.865	146	483186	96.407	ug/L		97
68) 1,2-Dibromo-3-chloropr...	14.481	75	38184	106.460	ug/L	#	75
69) 1,3,5-Trichlorobenzene	14.627	180	423091	93.945	ug/L		98
70) 1,2,4-trichlorobenzene	15.127	180	353733	94.218	ug/L		95
71) Naphthalene	15.365	128	650425	102.494	ug/L		99
72) 1,2,3-Trichlorobenzene	15.548	180	309855	97.119	ug/L		99

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

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