Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021062.D
Acq On : 03 Dec 2021 13:20
Operator : SY/VA
Sample : VSTD10029
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD100429

Quant Time: Dec 03 18:37:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 03 18:32:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.842	114	113110	25.000	ug/L	#	0.00
28) Chlorobenzene-d5	11.628	117	111091	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	65977	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.349	65	176910	114.475	ug/L		0.00
7) Chloroethane-d5	2.879	69	123438	117.243	ug/L		0.00
11) 1,1-Dichloroethene-d2	4.013	63	256020	103.562	ug/L		0.00
21) 2-Butanone-d5	7.074	46	79361	223.107	ug/L		0.00
24) Chloroform-d	7.647	84	298805	106.970	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.305	65	167054	111.657	ug/L		0.00
32) Benzene-d6	8.275	84	564439	101.367	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.275	67	155717	100.914	ug/L		0.00
41) Toluene-d8	10.323	98	603070	106.382	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.579	79	81751	115.246	ug/L		0.00
47) 2-Hexanone-d5	10.921	63	69314	234.723	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	166011	116.788	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	246988	106.711	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.008	85	74390	131.328	ug/L		98
3) Chloromethane	2.215	50	132530	108.887	ug/L		99
5) Vinyl chloride	2.361	62	217087	102.958	ug/L		97
6) Bromomethane	2.770	94	140266	97.661	ug/L		98
8) Chloroethane	2.916	64	95974	106.643	ug/L		98
9) Trichlorofluoromethane	3.251	101	98798	95.712	ug/L		99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	155166	98.293	ug/L		92
12) 1,1-Dichloroethene	4.038	96	144719	98.390	ug/L		79
13) Acetone	4.117	43	58398	178.662	ug/L		95
14) Carbon disulfide	4.385	76	420557	105.535	ug/L		99
15) Methyl Acetate	4.666	43	60094	104.308	ug/L	#	89
16) Methylene chloride	4.916	84	133896	77.337	ug/L		87
17) trans-1,2-Dichloroethene	5.422	96	152769	98.730	ug/L		85
18) Methyl tert-butyl Ether	5.428	73	223519	96.537	ug/L		94
19) 1,1-Dichloroethane	6.214	63	240228	98.139	ug/L		98
20) cis-1,2-Dichloroethene	7.171	96	160193	98.366	ug/L		75
22) 2-Butanone	7.171	43	86810	191.236	ug/L		89
23) Bromochloromethane	7.513	128	76467	100.630	ug/L	#	66
25) Chloroform	7.677	83	266580	97.835	ug/L		99
27) 1,2-Dichloroethane	8.403	62	182195	101.597	ug/L		97
29) Cyclohexane	7.958	56	231266	94.914	ug/L	#	82
30) 1,1,1-Trichloroethane	7.872	97	244063	94.075	ug/L		94
31) Carbon tetrachloride	8.067	117	236494	99.274	ug/L		100
33) Benzene	8.324	78	578837	92.162	ug/L		100
34) Trichloroethene	9.092	95	161540	92.927	ug/L		93
35) Methylcyclohexane	9.336	83	278992	95.239	ug/L		86
37) 1,2-Dichloropropane	9.366	63	132312	93.586	ug/L	#	96
38) Bromodichloromethane	9.646	83	202753	102.070	ug/L	#	99
39) cis-1,3-Dichloropropene	10.073	75	237924	104.196	ug/L		100
40) 4-Methyl-2-pentanone	10.207	43	194391	204.272	ug/L	#	93
42) Toluene	10.384	91	717543	100.988	ug/L		99
44) trans-1,3-Dichloropropene	10.604	75	226324	110.369	ug/L		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	10.787	97	119551	99.853	ug/L		94
46) Tetrachloroethene	10.866	164	149680	93.325	ug/L		94
48) 2-Hexanone	10.969	43	152986	223.072	ug/L	#	95
49) Dibromochloromethane	11.128	129	164720	112.700	ug/L		90
50) 1,2-Dibromoethane	11.232	107	125411	104.431	ug/L	#	97
51) Chlorobenzene	11.658	112	478949	100.115	ug/L		91
52) Ethylbenzene	11.731	91	842534	104.676	ug/L		96
53) m,p-Xylene	11.841	106	347092	103.804	ug/L		91
54) o-Xylene	12.164	106	339017	109.049	ug/L		84
55) Styrene	12.177	104	619634	115.955	ug/L		96
57) 1,1,2,2-Tetrachloroethane	12.713	83	154599	109.073	ug/L	#	99
59) Bromoform	12.347	173	110818	119.379	ug/L		98
60) Isopropylbenzene	12.463	105	947646	104.598	ug/L		97
61) 1,2,3-Trichloropropane	12.768	75	111882	102.935	ug/L	#	92
62) 1,3,5-Trimethylbenzene	12.945	105	795073	104.694	ug/L		96
63) 1,2,4-Trimethylbenzene	13.249	105	786568	102.785	ug/L		97
64) 1,3-Dichlorobenzene	13.499	146	407429	95.316	ug/L		95
65) 1,4-Dichlorobenzene	13.579	146	412806	96.776	ug/L		90
67) 1,2-Dichlorobenzene	13.871	146	364429	95.976	ug/L		96
68) 1,2-Dibromo-3-chloropr...	14.481	75	26907	113.077	ug/L	#	72
69) 1,3,5-Trichlorobenzene	14.627	180	286513	91.882	ug/L		97
70) 1,2,4-trichlorobenzene	15.127	180	235019	92.298	ug/L		95
71) Naphthalene	15.365	128	474425	99.168	ug/L		99
72) 1,2,3-Trichlorobenzene	15.548	180	220884	98.271	ug/L		94

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

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