Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122821\
Data File : VW021670.D
Acq On : 28 Dec 2021 11:51
Operator : SY/VA
Sample : VSTD10042
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD100442

Quant Time: Dec 28 12:13:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Dec 28 11:51:54 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	110593	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	113696	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	70163	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	211493	104.086	ug/L	0.00
7) Chloroethane-d5	2.873	69	152395	112.548	ug/L	-0.01
11) 1,1-Dichloroethene-d2	4.019	63	308466	111.072	ug/L	0.00
21) 2-Butanone-d5	7.086	46	66627	220.916	ug/L	0.00
24) Chloroform-d	7.653	84	342117	107.321	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	188166	110.761	ug/L	0.00
32) Benzene-d6	8.275	84	640906	101.335	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	171807	100.551	ug/L	0.00
41) Toluene-d8	10.323	98	663843	103.635	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	95843	119.220	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	61949	237.949	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	155769	106.505	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	259025	94.862	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	84004	173.294	ug/L	99
3) Chloromethane	2.209	50	166462	110.935	ug/L	100
5) Vinyl chloride	2.355	62	228320	99.425	ug/L	96
6) Bromomethane	2.776	94	160192	107.426	ug/L	99
8) Chloroethane	2.910	64	116252	108.815	ug/L	99
9) Trichlorofluoromethane	3.251	101	139202	111.979	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	174406	110.186	ug/L	91
12) 1,1-Dichloroethene	4.038	96	158050	111.064	ug/L	81
13) Acetone	4.147	43	47989	179.434	ug/L	93
14) Carbon disulfide	4.379	76	456838	120.250	ug/L	99
15) Methyl Acetate	4.678	43	55140	118.290	ug/L #	88
16) Methylene chloride	4.916	84	147477	78.664	ug/L	83
17) trans-1,2-Dichloroethene	5.422	96	167240	108.746	ug/L	81
18) Methyl tert-butyl Ether	5.428	73	239540	110.027	ug/L	93
19) 1,1-Dichloroethane	6.214	63	260612	107.542	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	175389	108.135	ug/L	75
22) 2-Butanone	7.177	43	71795	203.298	ug/L	83
23) Bromochloromethane	7.513	128	85557	111.519	ug/L #	67
25) Chloroform	7.671	83	297562	105.675	ug/L	100
27) 1,2-Dichloroethane	8.403	62	202084	111.791	ug/L	96
29) Cyclohexane	7.958	56	246170	105.328	ug/L #	80
30) 1,1,1-Trichloroethane	7.872	97	275142	104.032	ug/L	94
31) Carbon tetrachloride	8.074	117	270872	109.877	ug/L	98
33) Benzene	8.323	78	636692	99.636	ug/L	100
34) Trichloroethene	9.092	95	178653	99.325	ug/L	91
35) Methylcyclohexane	9.336	83	306739	103.449	ug/L #	84
37) 1,2-Dichloropropane	9.366	63	143027	100.343	ug/L #	95
38) Bromodichloromethane	9.646	83	223324	111.636	ug/L #	96
39) cis-1,3-Dichloropropene	10.073	75	255841	112.433	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	170983	214.973	ug/L #	90
42) Toluene	10.390	91	782455	105.709	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	241796	119.838	ug/L	97

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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	10.786	97	127062	107.359	ug/L		94
46) Tetrachloroethene	10.866	164	166717	98.159	ug/L		95
48) 2-Hexanone	10.969	43	123879	216.910	ug/L	#	92
49) Dibromochloromethane	11.128	129	176220	118.569	ug/L		98
50) 1,2-Dibromoethane	11.238	107	129193	108.366	ug/L	#	100
51) Chlorobenzene	11.658	112	501602	101.405	ug/L		94
52) Ethylbenzene	11.731	91	889506	105.823	ug/L		96
53) m,p-Xylene	11.841	106	365048	107.991	ug/L		83
54) o-Xylene	12.164	106	347137	108.584	ug/L		92
55) Styrene	12.176	104	626220	114.087	ug/L		90
57) 1,1,2,2-Tetrachloroethane	12.713	83	143172	106.416	ug/L	#	96
59) Bromoform	12.347	173	110751	121.863	ug/L		98
60) Isopropylbenzene	12.463	105	985228	102.590	ug/L		96
61) 1,2,3-Trichloropropane	12.768	75	104843	99.550	ug/L	#	92
62) 1,3,5-Trimethylbenzene	12.939	105	793837	96.831	ug/L		94
63) 1,2,4-Trimethylbenzene	13.249	105	803180	98.737	ug/L		95
64) 1,3-Dichlorobenzene	13.499	146	448185	97.789	ug/L		87
65) 1,4-Dichlorobenzene	13.579	146	439826	97.181	ug/L		86
67) 1,2-Dichlorobenzene	13.865	146	382555	94.982	ug/L		94
68) 1,2-Dibromo-3-chloropr...	14.481	75	24137	107.169	ug/L	#	73
69) 1,3,5-Trichlorobenzene	14.627	180	317043	93.199	ug/L		96
70) 1,2,4-trichlorobenzene	15.127	180	257956	92.816	ug/L		93
71) Naphthalene	15.359	128	445719	98.475	ug/L		99
72) 1,2,3-Trichlorobenzene	15.554	180	209308	92.116	ug/L		98

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

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