Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012921\
Data File : VV020209.D
Acq On : 28 Jan 2021 10:33
Operator : SY/MD
Sample : VSTD00565
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD005704

Quant Time: Jan 28 11:55:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012921WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 28 11:45:21 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	5.621	114	424853	5.00	ug/L		0.00
28) Chlorobenzene-d5	8.858	117	413552	5.00	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	11.254	152	233390	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.302	65	154623	5.14	ug/L		0.00
7) Chloroethane-d5	1.563	69	129896	5.01	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.103	63	203303	4.84	ug/L		0.00
20) 2-Butanone-d5	3.926	46	313238	51.80	ug/L		0.00
24) Chloroform-d	4.354	84	295823	5.08	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.039	65	144311	5.01	ug/L		0.00
32) Benzene-d6	5.051	84	562626	5.11	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.074	67	166790	5.14	ug/L		0.00
41) Toluene-d8	7.318	98	520791	5.12	ug/L		0.00
43) trans-1,3-Dichloroprop...	7.627	79	61733	5.10	ug/L		0.00
46) 2-Hexanone-d5	8.096	63	257022	51.20	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	10.225	84	121058	5.52	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	11.630	152	209544	5.16	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.126	85	205099	4.91	ug/L		99
3) Chloromethane	1.238	50	192575	4.70	ug/L		99
5) Vinyl chloride	1.306	62	187726	4.77	ug/L		99
6) Bromomethane	1.518	94	106875	4.71	ug/L		100
8) Chloroethane	1.582	64	111440	4.82	ug/L		99
9) Trichlorofluoromethane	1.749	101	231548	4.91	ug/L		100
10) 1,1,2-Trichloro-1,2,2-...	2.113	101	114631	4.72	ug/L	#	79
12) 1,1-Dichloroethene	2.113	96	112820	4.79	ug/L		80
13) Acetone	2.225	43	178315	48.90	ug/L		67
14) Carbon disulfide	2.290	76	442599	4.98	ug/L		100
15) Methyl Acetate	2.450	43	46964	4.52	ug/L	#	69
16) Methylene chloride	2.505	84	146029	4.64	ug/L		95
17) Methyl tert-butyl Ether	2.775	73	310193	4.78	ug/L		97
18) trans-1,2-Dichloroethene	2.759	96	149245	4.78	ug/L		93
19) 1,1-Dichloroethane	3.190	63	269304	4.81	ug/L		98
21) 2-Butanone	4.010	43	314742	48.66	ug/L		97
22) cis-1,2-Dichloroethene	3.913	96	152937	4.75	ug/L		90
23) Bromochloromethane	4.251	128	69951	4.99	ug/L	#	84
25) Chloroform	4.380	83	280422	4.85	ug/L		99
27) 1,2-Dichloroethane	5.138	62	167094	4.84	ug/L		98
29) 1,1,1-Trichloroethane	4.611	97	249767	4.83	ug/L		97
30) Cyclohexane	4.679	56	241790	4.90	ug/L		96
31) Carbon tetrachloride	4.830	117	218430	4.82	ug/L		99
33) Benzene	5.103	78	594300	4.87	ug/L		100
34) Trichloroethene	5.916	95	162704	4.81	ug/L		93
35) Methylcyclohexane	6.135	83	253366	4.97	ug/L		96
37) 1,2-Dichloropropane	6.177	63	145133	4.91	ug/L		97
38) Bromodichloromethane	6.514	83	183020	4.72	ug/L	#	99
39) cis-1,3-Dichloropropene	7.032	75	205451	4.98	ug/L		96
40) 4-Methyl-2-pentanone	7.235	43	797452	48.53	ug/L		97
42) Toluene	7.392	91	641674	4.94	ug/L		99
44) trans-1,3-Dichloropropene	7.656	75	169077	4.89	ug/L		97

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Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	7.846	97	98291	4.75	ug/L		96
47) Tetrachloroethene	7.981	164	139348	4.82	ug/L		92
48) 2-Hexanone	8.148	43	564049	49.38	ug/L		98
49) Dibromochloromethane	8.251	129	118700	4.80	ug/L		100
50) 1,2-Dibromoethane	8.357	107	95231	4.81	ug/L	#	99
51) Chlorobenzene	8.887	112	406527	4.74	ug/L		94
52) Ethylbenzene	9.016	91	705527	4.85	ug/L		98
53) m,p-xylene	9.141	106	266485	4.91	ug/L		98
54) o-xylene	9.550	106	258743	4.93	ug/L		96
55) Styrene	9.566	104	441998	4.97	ug/L		96
57) 1,1,2,2-Tetrachloroethane	10.247	83	115243	5.21	ug/L		99
59) Bromoform	9.739	173	65461	4.82	ug/L	#	97
60) Isopropylbenzene	9.936	105	705634	5.06	ug/L		98
61) 1,2,3-Trichloropropane	10.280	75	84835	5.19	ug/L		97
62) 1,3,5-Trimethylbenzene	10.543	105	580106	5.03	ug/L		97
63) 1,2,4-Trimethylbenzene	10.919	105	593817	5.02	ug/L		97
64) 1,3-Dichlorobenzene	11.190	146	347451	4.78	ug/L		96
65) 1,4-Dichlorobenzene	11.280	146	348194	4.74	ug/L		97
67) 1,2-Dichlorobenzene	11.649	146	321664	4.89	ug/L		95
68) 1,2-Dibromo-3-chloropr...	12.437	75	17248	4.47	ug/L	#	72
69) 1,3,5-Trichlorobenzene	12.652	180	294249	4.70	ug/L		97
70) 1,2,4-trichlorobenzene	13.270	180	246439	4.85	ug/L		98
71) Naphthalene	13.511	128	343409	4.97	ug/L		99
72) 1,2,3-Trichlorobenzene	13.752	180	217444	4.84	ug/L		96

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

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