Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041221\
Data File : BM029451.D
Acq On : 12 Apr 2021 14:31
Operator : CG/JU
Sample : SSTD08012
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD080012

Manual Integrations APPROVED
mohammad
4/14/2021 2:34:38 PM

Quant Time: Apr 12 15:26:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM041221.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 12 15:01:13 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	90850	20.00	ng/ul	0.00
20) Naphthalene-d8	10.46	136	354313	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.32	164	191977	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.06	188	367486	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	369987	20.00	ng/ul	0.00
87) Perylene-d12	23.46	264	364707	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	83912	36.30	ng/uL	0.00
4) Pyridine-d5	3.59	84	584531	96.76	ng/ul	0.00
7) Phenol-d5	6.86	99	674564	94.02	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.02	67	435954	105.13	ng/ul	0.00
11) 2-Chlorophenol-d4	7.22	132	533701	95.57	ng/ul	0.00
15) 4-Methylphenol-d8	8.40	113	512269	91.98	ng/ul	0.01
21) Nitrobenzene-d5	8.84	128	243368	107.99	ng/ul	0.00
24) 2-Nitrophenol-d4	9.56	143	272565	126.87	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.09	165	486803	86.48	ng/ul	0.00
31) 4-Chloroaniline-d4	10.60	131	662275	83.15	ng/ul	0.00
46) Dimethylphthalate-d6	13.74	166	1255238	86.70	ng/ul	0.00
49) Acenaphthylene-d8	14.02	160	1568371	91.63	ng/ul	0.00
54) 4-Nitrophenol-d4	14.53	143	247381	104.92	ng/ul	0.01
60) Fluorene-d10	15.32	176	1043946	83.79	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.44	200	209817	121.11	ng/ul	0.01
73) Anthracene-d10	17.16	188	1535448	87.49	ng/ul	0.00
80) Pyrene-d10	19.46	212	1619338	93.78	ng/ul	0.00
91) Benzo(a)pyrene-d12	23.32	264	1749067	90.09	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	86483	37.272	ng/uL	94
5) Pyridine	3.61	79	604912	97.465	ng/ul	97
6) Benzaldehyde	6.83	77	296532	77.016	ng/ul	99
8) Phenol	6.89	94	712602	94.502	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.12	93	537542	96.474	ng/ul	99
12) 2-Chlorophenol	7.25	128	562616	94.434	ng/ul	98
13) 2-Methylphenol	8.13	108	512652	92.166	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.22	45	825896	113.088	ng/ul	99
16) Acetophenone	8.50	105	839427	92.230	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.50	70	481087	111.125	ng/ul	96
18) 4-Methylphenol	8.46	108	549724	93.078	ng/ul	93
19) Hexachloroethane	8.76	117	260358	102.031	ng/ul	93
22) Nitrobenzene	8.88	77	717662	109.225	ng/ul	98
23) Isophorone	9.41	82	1205354	102.679	ng/ul	99
25) 2-Nitrophenol	9.59	139	296769	119.897	ng/ul	97
26) 2,4-Dimethylphenol	9.65	107	618611	91.964	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.89	93	694513	99.036	ng/ul	98
29) 2,4-Dichlorophenol	10.12	162	480852	84.391	ng/ul	98
30) Naphthalene	10.52	128	1643640	85.630	ng/ul	100
32) 4-Chloroaniline	10.63	127	676005	83.455	ng/ul	99
33) Hexachlorobutadiene	10.80	225	284427	69.515	ng/ul	99
34) Caprolactam	11.42	113	144417m	99.721	ng/ul	

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35) 4-Chloro-3-methylphenol	11.76	107	530168	95.782	ng/ul	99
36) 2-Methylnaphthalene	12.13	142	1137404	83.879	ng/ul	97
37) 1-Methylnaphthalene	12.35	142	1128504	84.291	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	501653	75.627	ng/ul	99
40) Hexachlorocyclopentadiene	12.49	237	338769	77.748	ng/ul	100
41) 2,4,6-Trichlorophenol	12.74	196	340340	93.309	ng/ul	98
42) 2,4,5-Trichlorophenol	12.82	196	366491	94.357	ng/ul	99
43) 1,1'-Biphenyl	13.16	154	1406528	89.996	ng/ul	99
44) 2-Chloronaphthalene	13.19	162	1081268	87.636	ng/ul	99
45) 2-Nitroaniline	13.40	65	402341	152.001	ng/ul	97
47) Dimethylphthalate	13.79	163	1278410	86.266	ng/ul	100
48) 2,6-Dinitrotoluene	13.90	165	270822	117.425	ng/ul	99
50) Acenaphthylene	14.04	152	1620285	91.531	ng/ul	100
51) 3-Nitroaniline	14.23	138	261191	102.407	ng/ul	94
52) Acenaphthene	14.39	153	1175645	89.436	ng/ul	98
53) 2,4-Dinitrophenol	14.44	184	167146	135.056	ng/ul	94
55) 4-Nitrophenol	14.55	109	248975	110.978	ng/ul	96
56) Dibenzofuran	14.72	168	1541967	84.410	ng/ul	99
57) 2,4-Dinitrotoluene	14.69	165	377602	114.736	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.95	232	285930	91.866	ng/ul	96
59) Diethylphthalate	15.16	149	1358605	93.115	ng/ul	99
61) Fluorene	15.37	166	1361425	89.073	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.37	204	613629	79.985	ng/ul	98
63) 4-Nitroaniline	15.40	138	248692	93.432	ng/ul	97
66) 4,6-Dinitro-2-methylphenol	15.46	198	213392	117.101	ng/ul	97
67) N-Nitrosodiphenylamine	15.59	169	1094472	93.233	ng/ul	99
68) 4-Bromophenyl-phenylether	16.26	248	322795	82.546	ng/ul	98
69) Hexachlorobenzene	16.37	284	356862	81.920	ng/ul	97
70) Atrazine	16.54	200	379232	84.328	ng/ul	98
71) Pentachlorophenol	16.72	266	230709	93.264	ng/ul	96
72) Phenanthrene	17.11	178	1922191	88.599	ng/ul	99
74) Anthracene	17.20	178	2016112	90.435	ng/ul	99
75) Pentachlorobenzene	14.64	250	468172	80.803	ng/uL	98
76) Carbazole	17.47	167	1780486	86.771	ng/ul	99
77) Di-n-butylphthalate	18.04	149	2311872	109.078	ng/ul	99
79) Fluoranthene	19.12	202	2100771	94.695	ng/ul	98
81) Pyrene	19.49	202	2234651	96.097	ng/ul	99
82) Butylbenzylphthalate	20.39	149	1079280	132.078	ng/ul	95
83) 3,3'-Dichlorobenzidine	21.17	252	669941	87.437	ng/ul	99
84) Benzo(a)anthracene	21.23	228	2080369	87.159	ng/ul	100
85) Bis(2-ethylhexyl)phthalate	21.17	149	1732569	129.033	ng/ul	99
86) Chrysene	21.28	228	2012929	86.257	ng/ul	98
88) Di-n-octyl phthalate	22.04	149	2852340	122.604	ng/ul	100
89) Benzo(b)fluoranthene	22.80	252	2119505	89.923	ng/ul	100
90) Benzo(k)fluoranthene	22.84	252	2160341	91.731	ng/ul	99
92) Benzo(a)pyrene	23.37	252	1918741	89.836	ng/ul	99
93) Indeno(1,2,3-cd)pyrene	25.69	276	2581278	89.876	ng/ul	100
94) Dibenzo(a,h)anthracene	25.70	278	2195782	90.613	ng/ul	99
95) Benzo(g,h,i)perylene	26.37	276	2042546	86.710	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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