Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
Data File : BF112230.D
Acq On : 25 Jan 2019 13:48
Operator : JU/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC025

Manual Integrations APPROVED
mohammad
1/29/2019 12:31:10 AM

Quant Time: Jan 25 15:39:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 25 15:22:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	191163	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	750873	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	338846	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	554336	20.00	ng		0.00
76) Chrysene-d12	14.01	240	597554	20.00	ng		0.00
87) Perylene-d12	15.47	264	496147	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	433161	41.13	ng		0.00
7) Phenol-d6	6.49	99	683547	51.87	ng		0.00
23) Nitrobenzene-d5	7.41	82	651116	59.91	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	175476	48.00	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1302140	56.34	ng		0.00
79) Terphenyl-d14	12.95	244	1587003	56.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	88631	17.943	ng		93
3) Pyridine	3.37	79	202473	16.366	ng		98
4) n-Nitrosodimethylamine	3.30	42	87273	17.374	ng		92
6) Aniline	6.50	93	411534	25.677	ng	#	68
8) 2-Chlorophenol	6.63	128	321754	26.304	ng		96
9) Benzaldehyde	6.39	77	199943	26.805	ng		99
10) Phenol	6.50	94	374557	26.008	ng		91
11) bis(2-Chloroethyl)ether	6.57	93	286292	25.002	ng		99
12) 1,3-Dichlorobenzene	6.79	146	365737	26.200	ng		99
13) 1,4-Dichlorobenzene	6.86	146	370742	25.964	ng		99
14) 1,2-Dichlorobenzene	7.02	146	349896	26.602	ng		97
15) Benzyl Alcohol	6.99	79	270965	27.600	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	360322	21.821	ng		74
17) 2-Methylphenol	7.10	107	248427	27.044	ng		97
18) Hexachloroethane	7.36	117	131987	27.695	ng		96
19) n-Nitroso-di-n-propylamine	7.25	70	222253	27.686	ng		98
20) 3+4-Methylphenols	7.26	107	323614	29.055	ng	#	67
22) Acetophenone	7.25	105	457222	26.284	ng	#	95
24) Nitrobenzene	7.43	77	322776	28.023	ng		96
25) Isophorone	7.66	82	518581	24.703	ng		99
26) 2-Nitrophenol	7.75	139	179173	32.950	ng		97
27) 2,4-Dimethylphenol	7.79	122	243579	24.997	ng		95
28) bis(2-Chloroethoxy)methane	7.87	93	358472	24.894	ng		97
29) 2,4-Dichlorophenol	7.99	162	278082	26.124	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	313246	25.357	ng		100
31) Naphthalene	8.15	128	898429	26.307	ng		98
32) Benzoic acid	7.90	122	121280m	30.254	ng		
33) 4-Chloroaniline	8.20	127	392012	25.541	ng		100
34) Hexachlorobutadiene	8.27	225	181961	26.469	ng		99
35) Caprolactam	8.56	113	93757	25.166	ng		98
36) 4-Chloro-3-methylphenol	8.69	107	281962	27.121	ng		95
37) 2-Methylnaphthalene	8.84	142	584607	25.208	ng		98
38) 1-Methylnaphthalene	8.94	142	559531	25.105	ng		96
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	304234	27.961	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	73742	20.681	ng		99
43) 2,4,6-Trichlorophenol	9.13	196	184867	28.401	ng		97
44) 2,4,5-Trichlorophenol	9.17	196	191506	27.624	ng		99
46) 1,1'-Biphenyl	9.30	154	792061	27.955	ng		99
47) 2-Chloronaphthalene	9.33	162	621958	28.043	ng		99
48) 2-Nitroaniline	9.43	65	166361	33.302	ng		95
49) Acenaphthylene	9.75	152	909886	28.114	ng		97
50) Dimethylphthalate	9.60	163	683186	27.647	ng		99
51) 2,6-Dinitrotoluene	9.67	165	158295	32.076	ng		98
52) Acenaphthene	9.92	154	501786	25.340	ng		98
53) 3-Nitroaniline	9.83	138	163629	29.651	ng		89
54) 2,4-Dinitrophenol	9.95	184	41754	39.696	ng		95
55) Dibenzofuran	10.09	168	782634	26.135	ng		94
56) 4-Nitrophenol	10.02	139	78502	22.887	ng		94
57) 2,4-Dinitrotoluene	10.07	165	187789	31.934	ng		97
58) Fluorene	10.43	166	572641	25.594	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	126360	24.154	ng		92
60) Diethylphthalate	10.30	149	642430	26.633	ng		98
61) 4-Chlorophenyl-phenylether	10.42	204	316028	26.176	ng		97
62) 4-Nitroaniline	10.45	138	152371	27.806	ng		95
63) Azobenzene	10.58	77	513234	22.218	ng		99
65) 4,6-Dinitro-2-methylphenol	10.49	198	79253	40.322	ng		95
66) n-Nitrosodiphenylamine	10.54	169	479600	26.171	ng		99
67) 4-Bromophenyl-phenylether	10.91	248	166583	25.872	ng		97
68) Hexachlorobenzene	10.99	284	178907	25.794	ng		97
69) Atrazine	11.06	200	161587	27.325	ng		97
70) Pentachlorophenol	11.18	266	64162	22.370	ng		98
71) Phenanthrene	11.39	178	749293	26.859	ng		98
72) Anthracene	11.44	178	761831	26.958	ng		99
73) Carbazole	11.60	167	750153	26.498	ng		98
74) Di-n-butylphthalate	11.92	149	1083306	34.019	ng		99
75) Fluoranthene	12.58	202	1016723	34.518	ng		99
77) Benzidine	12.70	184	414963	20.813	ng		97
78) Pyrene	12.81	202	1043021	26.456	ng		99
80) Butylbenzylphthalate	13.42	149	498387	28.816	ng		93
81) Benzo(a)anthracene	14.00	228	885885	25.856	ng		98
82) 3,3'-Dichlorobenzidine	13.96	252	348872	27.190	ng		99
83) Chrysene	14.04	228	851258	26.258	ng		98
84) Bis(2-ethylhexyl)phthalate	13.97	149	699299	28.212	ng	#	97
85) Di-n-octyl phthalate	14.59	149	1075579	28.163	ng		97
86) Indeno(1,2,3-cd)pyrene	16.95	276	626907	20.960	ng		97
88) Benzo(b)fluoranthene	15.04	252	717967	25.493	ng		99
89) Benzo(k)fluoranthene	15.07	252	760614	27.904	ng		99
90) Benzo(a)pyrene	15.41	252	671938	26.016	ng		99
91) Dibenzo(a,h)anthracene	16.96	278	525357	22.902	ng		100
92) Benzo(g,h,i)perylene	17.39	276	489386	21.655	ng		98

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

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