Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030719\
Data File : BF112922.D
Acq On : 7 Mar 2019 15:41
Operator : JU/SJ
Sample : K1757-07MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-6CD-DMS

Manual Integrations APPROVED
Sohil
3/8/2019 9:26:05 AM

Quant Time: Mar 08 00:52:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	210267	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	811634	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	403568	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	835719	20.00	ng		0.00
76) Chrysene-d12	13.87	240	604734	20.00	ng		0.00
87) Perylene-d12	15.27	264	607769	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1397314	103.37	ng		0.00
7) Phenol-d6	6.37	99	1831375	107.86	ng		0.00
23) Nitrobenzene-d5	7.29	82	1123357	82.82	ng		-0.01
42) 2,4,6-Tribromophenol	10.55	330	554742	129.48	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	1698716	65.69	ng		0.00
79) Terphenyl-d14	12.82	244	1978071	63.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	189004	27.894	ng		97
3) Pyridine	3.15	79	502585	27.725	ng		97
4) n-Nitrosodimethylamine	3.08	42	225203	28.399	ng		94
6) Aniline	6.39	93	525114	22.467	ng	#	27
8) 2-Chlorophenol	6.52	128	480276	31.918	ng		93
9) Benzaldehyde	6.27	77	267473	21.862	ng		99
10) Phenol	6.39	94	669349	33.781	ng		85
11) bis(2-Chloroethyl)ether	6.47	93	474180	31.179	ng		97
12) 1,3-Dichlorobenzene	6.67	146	501865	32.287	ng		98
13) 1,4-Dichlorobenzene	6.75	146	510275	32.734	ng		98
14) 1,2-Dichlorobenzene	6.90	146	475647	33.285	ng		99
15) Benzyl Alcohol	6.87	79	423858	32.736	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	766812	30.213	ng		97
17) 2-Methylphenol	6.99	107	408245	33.444	ng		96
18) Hexachloroethane	7.25	117	186377	31.212	ng		96
19) n-Nitroso-di-n-propylamine	7.15	70	333530	31.014	ng		97
20) 3+4-Methylphenols	7.15	107	477840	34.672	ng		94
22) Acetophenone	7.14	105	650074	34.254	ng		95
24) Nitrobenzene	7.31	77	524523	34.744	ng		100
25) Isophorone	7.56	82	977653	33.457	ng		97
26) 2-Nitrophenol	7.63	139	270691	43.074	ng		97
27) 2,4-Dimethylphenol	7.67	122	449639	38.459	ng		98
28) bis(2-Chloroethoxy)methane	7.77	93	612707	33.537	ng		99
29) 2,4-Dichlorophenol	7.87	162	427241	37.683	ng		97
30) 1,2,4-Trichlorobenzene	7.96	180	439348	36.064	ng		98
31) Naphthalene	8.03	128	1389866	34.492	ng		100
32) Benzoic acid	7.77	122	136263	16.629	ng		94
33) 4-Chloroaniline	8.08	127	288371	16.896	ng		99
34) Hexachlorobutadiene	8.16	225	247649	36.046	ng		99
35) Caprolactam	8.45	113	149446m	37.425	ng		
36) 4-Chloro-3-methylphenol	8.57	107	452075	36.029	ng		94
37) 2-Methylnaphthalene	8.73	142	941683	36.187	ng		99
38) 1-Methylnaphthalene	8.83	142	882224	34.998	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	404847	34.401	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	489095	75.894	ng		99
43) 2,4,6-Trichlorophenol	9.00	196	315204	38.917	ng		99
44) 2,4,5-Trichlorophenol	9.05	196	337567	38.559	ng		98
46) 1,1'-Biphenyl	9.19	154	1119147	33.999	ng		98
47) 2-Chloronaphthalene	9.21	162	878682	34.186	ng		100
48) 2-Nitroaniline	9.30	65	301990	38.654	ng		96
49) Acenaphthylene	9.63	152	1422019	32.589	ng		99
50) Dimethylphthalate	9.49	163	1224873	41.162	ng		100
51) 2,6-Dinitrotoluene	9.55	165	248386	40.084	ng	#	76
52) Acenaphthene	9.80	154	837176	32.808	ng		99
53) 3-Nitroaniline	9.71	138	194763	25.794	ng		94
54) 2,4-Dinitrophenol	9.82	184	218367	85.655	ng		95
55) Dibenzofuran	9.97	168	1254970	33.839	ng		98
56) 4-Nitrophenol	9.89	139	449758	73.291	ng		94
57) 2,4-Dinitrotoluene	9.95	165	333541	43.303	ng		88
58) Fluorene	10.31	166	922318	35.039	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.09	232	298562	40.934	ng		94
60) Diethylphthalate	10.19	149	1090107	34.686	ng		98
61) 4-Chlorophenyl-phenylether	10.30	204	455983	37.232	ng		94
62) 4-Nitroaniline	10.33	138	280625	40.220	ng		96
63) Azobenzene	10.46	77	1021295	31.726	ng		96
65) 4,6-Dinitro-2-methylphenol	10.36	198	158272	46.275	ng		87
66) n-Nitrosodiphenylamine	10.42	169	902778	33.683	ng		100
67) 4-Bromophenyl-phenylether	10.79	248	312342	35.483	ng	#	91
68) Hexachlorobenzene	10.86	284	364647	36.748	ng	#	87
69) Atrazine	10.95	200	301153	36.687	ng		98
70) Pentachlorophenol	11.05	266	415032	71.063	ng		98
71) Phenanthrene	11.27	178	1429510	34.380	ng		99
72) Anthracene	11.32	178	1492548	34.291	ng		100
73) Carbazole	11.47	167	1457027	34.316	ng		100
74) Di-n-butylphthalate	11.81	149	1733555	34.051	ng		100
75) Fluoranthene	12.45	202	1582519	35.524	ng		96
77) Benzidine	12.57	184	834669	26.603	ng		98
78) Pyrene	12.67	202	1621955	31.815	ng		99
80) Butylbenzylphthalate	13.30	149	783883	34.834	ng		90
81) Benzo(a)anthracene	13.86	228	1255098	29.946	ng		100
82) 3,3'-Dichlorobenzidine	13.82	252	390174	24.615	ng		100
83) Chrysene	13.89	228	1318761	32.122	ng		100
84) Bis(2-ethylhexyl)phthalate	13.86	149	918744	34.808	ng		99
85) Di-n-octyl phthalate	14.47	149	1731731	38.208	ng		97
86) Indeno(1,2,3-cd)pyrene	16.63	276	1369623	39.132	ng		96
88) Benzo(b)fluoranthene	14.87	252	1296109	32.970	ng		98
89) Benzo(k)fluoranthene	14.90	252	1117893	31.394	ng		99
90) Benzo(a)pyrene	15.22	252	1170099	33.650	ng		97
91) Dibenzo(a,h)anthracene	16.64	278	1139800	38.414	ng		98
92) Benzo(g,h,i)perylene	17.04	276	1177664	39.526	ng		97

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

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