Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
Data File : BF114166.D
Acq On : 11 May 2019 21:22
Operator : JU/SJ
Sample : K2764-20MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MS

Manual Integrations APPROVED
Sohil
5/13/2019 8:35:53 PM

Quant Time: May 13 08:03:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	299893	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1121082	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	558815	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1096878	20.00	ng	0.00
76) Chrysene-d12	14.01	240	580018	20.00	ng	-0.01
87) Perylene-d12	15.48	264	697416	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	2381318	127.78	ng	0.00
7) Phenol-d6	6.50	99	3286638	149.12	ng	0.00
23) Nitrobenzene-d5	7.42	82	2084883	104.37	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	789046	136.58	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	3137278	84.92	ng	0.00
79) Terphenyl-d14	12.95	244	2723874	96.81	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.65	88	378294	36.932	ng	99
3) Pyridine	3.42	79	901421	31.940	ng	96
4) n-Nitrosodimethylamine	3.35	42	602732	44.288	ng	94
6) Aniline	6.52	93	760285	23.880	ng	100
8) 2-Chlorophenol	6.65	128	990643	49.795	ng	96
9) Benzaldehyde	6.40	77	494943	32.076	ng	97
10) Phenol	6.51	94	1259783	48.588	ng	96
11) bis(2-Chloroethyl)ether	6.59	93	1031165	52.385	ng	99
12) 1,3-Dichlorobenzene	6.80	146	1054268	47.210	ng	99
13) 1,4-Dichlorobenzene	6.87	146	1072238	47.649	ng	99
14) 1,2-Dichlorobenzene	7.03	146	994102	48.354	ng	99
15) Benzyl Alcohol	7.00	79	915690	53.268	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1941532	50.870	ng	97
17) 2-Methylphenol	7.11	107	870364	53.258	ng	99
18) Hexachloroethane	7.36	117	401788	47.567	ng	94
19) n-Nitroso-di-n-propylamine	7.27	70	721458	51.642	ng	98
20) 3+4-Methylphenols	7.26	107	971632	51.459	ng	89
22) Acetophenone	7.26	105	1325834	53.384	ng	97
24) Nitrobenzene	7.43	77	1124761	55.281	ng	98
25) Isophorone	7.67	82	2098511	56.642	ng	100
26) 2-Nitrophenol	7.75	139	590869	59.858	ng	99
27) 2,4-Dimethylphenol	7.79	122	944986	60.953	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	1315527	54.726	ng	99
29) 2,4-Dichlorophenol	8.00	162	883612	57.237	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	914581	52.098	ng	99
31) Naphthalene	8.16	128	2891139	55.209	ng	99
32) Benzoic acid	7.93	122	642069	56.607	ng	98
33) 4-Chloroaniline	8.20	127	289332	12.124	ng	100
34) Hexachlorobutadiene	8.27	225	509261	50.985	ng	99
35) Caprolactam	8.58	113	330079m	65.571	ng	
36) 4-Chloro-3-methylphenol	8.69	107	999238	64.303	ng	99
37) 2-Methylnaphthalene	8.85	142	2027091	59.996	ng	98
38) 1-Methylnaphthalene	8.95	142	1910875	60.056	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	877610	51.845	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	686693	86.692	ng		96
43) 2,4,6-Trichlorophenol	9.13	196	645246	55.417	ng		98
44) 2,4,5-Trichlorophenol	9.17	196	684284	57.306	ng		94
46) 1,1'-Biphenyl	9.31	154	2383056	52.787	ng		99
47) 2-Chloronaphthalene	9.33	162	1865486	51.345	ng		99
48) 2-Nitroaniline	9.43	65	684465	53.121	ng		99
49) Acenaphthylene	9.75	152	3026770	54.775	ng		98
50) Dimethylphthalate	9.62	163	2508642	61.153	ng		99
51) 2,6-Dinitrotoluene	9.67	165	522594	57.436	ng	#	85
52) Acenaphthene	9.92	154	1755799	51.780	ng		98
53) 3-Nitroaniline	9.84	138	326583	28.915	ng		95
54) 2,4-Dinitrophenol	9.95	184	512855	109.390	ng		99
55) Dibenzofuran	10.09	168	2546664	51.217	ng		99
56) 4-Nitrophenol	10.02	139	858262	107.451	ng		94
57) 2,4-Dinitrotoluene	10.08	165	684462	55.424	ng		99
58) Fluorene	10.44	166	1967045	51.217	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	579574	56.253	ng		100
60) Diethylphthalate	10.31	149	2192079	52.592	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	946369	50.170	ng		98
62) 4-Nitroaniline	10.46	138	558590	47.065	ng		98
63) Azobenzene	10.59	77	2133287	52.876	ng		98
65) 4,6-Dinitro-2-methylphenol	10.49	198	329235	62.466	ng		96
66) n-Nitrosodiphenylamine	10.55	169	1842425	55.344	ng		100
67) 4-Bromophenyl-phenylether	10.92	248	633141	52.425	ng		97
68) Hexachlorobenzene	10.99	284	684761	51.253	ng		100
69) Atrazine	11.07	200	570116	55.031	ng		98
70) Pentachlorophenol	11.18	266	708255	111.828	ng		99
71) Phenanthrene	11.40	178	3146453	58.962	ng		98
72) Anthracene	11.45	178	2877144	53.678	ng		98
73) Carbazole	11.60	167	2713093	53.081	ng		100
74) Di-n-butylphthalate	11.93	149	3192872	54.221	ng		97
75) Fluoranthene	12.59	202	3387559	58.948	ng		97
77) Benzidine	12.70	184	176012	6.760	ng		98
78) Pyrene	12.82	202	3839787	82.294	ng		97
80) Butylbenzylphthalate	13.42	149	1262508	64.284	ng		95
81) Benzo(a)anthracene	14.00	228	2264250	60.355	ng		97
82) 3,3'-Dichlorobenzidine	13.96	252	389143	26.739	ng		99
83) Chrysene	14.04	228	2337160	63.552	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1615671	62.901	ng		98
85) Di-n-octyl phthalate	14.60	149	2536424	60.916	ng		100
86) Indeno(1,2,3-cd)pyrene	16.96	276	3101753	95.434	ng		99
88) Benzo(b)fluoranthene	15.06	252	2518940	56.377	ng		98
89) Benzo(k)fluoranthene	15.09	252	2159133	52.606	ng		99
90) Benzo(a)pyrene	15.42	252	2370912	60.294	ng		98
91) Dibenzo(a,h)anthracene	16.97	278	2351862	71.977	ng		98
92) Benzo(g,h,i)perylene	17.40	276	2898696	88.522	ng		98

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

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