Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051419\
Data File : BF114260.D
Acq On : 14 May 2019 18:25
Operator : JU/SJ
Sample : K2764-21MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: May 15 02:05:32 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	6.86	152	249248	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	973119	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	453131	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	861221	20.00	ng		0.01
76) Chrysene-d12	14.03	240	614848	20.00	ng		0.00
87) Perylene-d12	15.51	264	687898	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1375601	88.82	ng		0.02
7) Phenol-d6	6.52	99	1781849	97.27	ng		0.02
23) Nitrobenzene-d5	7.42	82	1118952	64.53	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	378274	80.75	ng		0.01
45) 2-Fluorobiphenyl	9.21	172	1661038	55.45	ng		0.00
79) Terphenyl-d14	12.96	244	1496267	50.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	221456	26.013	ng		98
3) Pyridine	3.42	79	479804	20.456	ng		97
4) n-Nitrosodimethylamine	3.34	42	324809	28.716	ng		92
6) Aniline	6.52	93	284840	10.764	ng	#	1
8) 2-Chlorophenol	6.65	128	564880	34.163	ng		99
9) Benzaldehyde	6.40	77	256237	19.981	ng		96
10) Phenol	6.53	94	687442	31.901	ng		90
11) bis(2-Chloroethyl)ether	6.59	93	559794	34.217	ng		98
12) 1,3-Dichlorobenzene	6.80	146	579038	31.198	ng		98
13) 1,4-Dichlorobenzene	6.87	146	584851	31.271	ng		98
14) 1,2-Dichlorobenzene	7.03	146	541453	31.688	ng		99
15) Benzyl Alcohol	7.00	79	472242	33.053	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	994064	31.338	ng		64
17) 2-Methylphenol	7.13	107	437282	32.194	ng	#	89
18) Hexachloroethane	7.37	117	202694	28.872	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	392874	33.836	ng		99
20) 3+4-Methylphenols	7.28	107	592079	37.729	ng	#	57
22) Acetophenone	7.26	105	760228	35.265	ng	#	89
24) Nitrobenzene	7.44	77	603501	34.172	ng		98
25) Isophorone	7.68	82	1074910	33.425	ng		99
26) 2-Nitrophenol	7.76	139	306352	35.754	ng		100
27) 2,4-Dimethylphenol	7.80	122	493551	36.675	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	703947	33.737	ng		99
29) 2,4-Dichlorophenol	8.00	162	456646	34.077	ng		98
30) 1,2,4-Trichlorobenzene	8.08	180	482097	31.638	ng		98
31) Naphthalene	8.16	128	1575449	34.659	ng		98
32) Benzoic acid	7.92	122	223453	26.902	ng		98
33) 4-Chloroaniline	8.21	127	191409	9.241	ng		99
34) Hexachlorobutadiene	8.27	225	261580	30.170	ng		97
35) Caprolactam	8.59	113	150233	34.382	ng		98
36) 4-Chloro-3-methylphenol	8.70	107	481859	35.723	ng		98
37) 2-Methylnaphthalene	8.85	142	1046175	35.672	ng		98
38) 1-Methylnaphthalene	8.95	142	984607	35.650	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	462614	33.703	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	77493	15.787 ng	99
43) 2,4,6-Trichlorophenol	9.14	196	312494	33.098 ng	97
44) 2,4,5-Trichlorophenol	9.19	196	331106	34.196 ng	96
46) 1,1'-Biphenyl	9.32	154	1242965	33.954 ng	98
47) 2-Chloronaphthalene	9.34	162	955026	32.417 ng	99
48) 2-Nitroaniline	9.44	65	344699	32.991 ng	99
49) Acenaphthylene	9.76	152	1564873	34.924 ng	98
50) Dimethylphthalate	9.61	163	1294712	38.922 ng	99
51) 2,6-Dinitrotoluene	9.68	165	253196	34.318 ng	90
52) Acenaphthene	9.93	154	874617	31.809 ng	98
53) 3-Nitroaniline	9.85	138	168780	18.429 ng	95
54) 2,4-Dinitrophenol	9.96	184	128053	38.352 ng	99
55) Dibenzofuran	10.10	168	1307474	32.428 ng	99
56) 4-Nitrophenol	10.03	139	333659	51.516 ng	98
57) 2,4-Dinitrotoluene	10.09	165	330140	32.968 ng	93
58) Fluorene	10.45	166	1029221	33.048 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.23	232	258560	30.949 ng	100
60) Diethylphthalate	10.31	149	1117566	33.066 ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	497304	32.512 ng	97
62) 4-Nitroaniline	10.46	138	258004	26.809 ng	96
63) Azobenzene	10.59	77	1069460	32.690 ng	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	98376	23.772 ng	79
66) n-Nitrosodiphenylamine	10.55	169	927573	35.487 ng	100
67) 4-Bromophenyl-phenylether	10.92	248	307850	32.465 ng	96
68) Hexachlorobenzene	11.00	284	329096	31.372 ng	96
69) Atrazine	11.08	200	273632	33.640 ng	99
70) Pentachlorophenol	11.20	266	273191	54.938 ng	98
71) Phenanthrene	11.40	178	1593159	38.023 ng	99
72) Anthracene	11.46	178	1462560	34.753 ng	99
73) Carbazole	11.62	167	1352245	33.696 ng	99
74) Di-n-butylphthalate	11.93	149	1677520	36.283 ng	100
75) Fluoranthene	12.60	202	1765726	39.134 ng	99
77) Benzidine	12.72	184	93331	3.382 ng	97
78) Pyrene	12.83	202	2055748	41.563 ng	99
80) Butylbenzylphthalate	13.43	149	705458	33.886 ng	99
81) Benzo(a)anthracene	14.02	228	1509355	37.954 ng	97
82) 3,3'-Dichlorobenzidine	13.97	252	390176	25.292 ng	99
83) Chrysene	14.06	228	1532009	39.298 ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	998948	36.688 ng	99
85) Di-n-octyl phthalate	14.62	149	1724116	39.061 ng	100
86) Indeno(1,2,3-cd)pyrene	17.01	276	1382563	40.129 ng	98
88) Benzo(b)fluoranthene	15.08	252	1762454	39.992 ng	99
89) Benzo(k)fluoranthene	15.11	252	1327789	32.798 ng	99
90) Benzo(a)pyrene	15.45	252	1500393	38.684 ng	99
91) Dibenzo(a,h)anthracene	17.02	278	1088670	33.779 ng	100
92) Benzo(g,h,i)perylene	17.46	276	1160472	35.930 ng	98

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

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