Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114212.D
Acq On : 13 May 2019 00:47
Operator : JU/SJ
Sample : K2764-20MS 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
5/13/2019 8:37:45 PM

Quant Time: May 13 09:10:10 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	276066	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	1054706	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	485596	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	873993	20.00	ng		0.00
76) Chrysene-d12	14.02	240	625529	20.00	ng		0.00
87) Perylene-d12	15.49	264	633625	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1228242	71.60	ng		0.00
7) Phenol-d6	6.50	99	1604409	79.08	ng		0.00
23) Nitrobenzene-d5	7.42	82	986401	52.49	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	334674	66.66	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	1495811	46.60	ng		0.00
79) Terphenyl-d14	12.95	244	1233227	40.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	179198	19.005	ng		99
3) Pyridine	3.38	79	402111	15.478	ng		94
4) n-Nitrosodimethylamine	3.30	42	268031	21.394	ng		91
6) Aniline	6.52	93	380102	12.969	ng	#	22
8) 2-Chlorophenol	6.65	128	501274	27.371	ng		95
9) Benzaldehyde	6.40	77	228841	16.111	ng		100
10) Phenol	6.51	94	624010	26.144	ng		97
11) bis(2-Chloroethyl)ether	6.59	93	499952	27.591	ng		97
12) 1,3-Dichlorobenzene	6.80	146	500278	24.336	ng		99
13) 1,4-Dichlorobenzene	6.87	146	516337	24.926	ng		99
14) 1,2-Dichlorobenzene	7.02	146	482234	25.481	ng		98
15) Benzyl Alcohol	7.00	79	424735	26.840	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	881311	25.084	ng		89
17) 2-Methylphenol	7.12	107	400750	26.639	ng		97
18) Hexachloroethane	7.36	117	159250	20.481	ng		94
19) n-Nitroso-di-n-propylamine	7.26	70	340798	26.500	ng		99
20) 3+4-Methylphenols	7.27	107	512325	29.475	ng	#	62
22) Acetophenone	7.26	105	665755	28.493	ng	#	89
24) Nitrobenzene	7.43	77	525624	27.460	ng		96
25) Isophorone	7.67	82	946513	27.156	ng		99
26) 2-Nitrophenol	7.75	139	268744	28.938	ng		99
27) 2,4-Dimethylphenol	7.79	122	432005	29.618	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	607622	26.868	ng		100
29) 2,4-Dichlorophenol	8.00	162	404142	27.826	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	420981	25.490	ng		99
31) Naphthalene	8.16	128	1410557	28.631	ng		98
32) Benzoic acid	7.91	122	274200m	29.530	ng		
33) 4-Chloroaniline	8.20	127	277192	12.347	ng		97
34) Hexachlorobutadiene	8.27	225	225960	24.046	ng		98
35) Caprolactam	8.56	113	134827	28.469	ng		96
36) 4-Chloro-3-methylphenol	8.69	107	419300	28.681	ng		97
37) 2-Methylnaphthalene	8.85	142	937277	29.486	ng		98
38) 1-Methylnaphthalene	8.95	142	884142	29.536	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	405895	27.594	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	43798	10.370 ng	94
43) 2,4,6-Trichlorophenol	9.13	196	281263	27.799 ng	98
44) 2,4,5-Trichlorophenol	9.17	196	290960	28.041 ng	98
46) 1,1'-Biphenyl	9.31	154	1112681	28.363 ng	99
47) 2-Chloronaphthalene	9.33	162	840256	26.614 ng	97
48) 2-Nitroaniline	9.43	65	292919	26.161 ng	90
49) Acenaphthylene	9.75	152	1397517	29.104 ng	98
50) Dimethylphthalate	9.60	163	1118165	31.367 ng	99
51) 2,6-Dinitrotoluene	9.67	165	217088	27.457 ng	97
52) Acenaphthene	9.92	154	773886	26.264 ng	99
53) 3-Nitroaniline	9.84	138	173664	17.694 ng	99
54) 2,4-Dinitrophenol	9.95	184	116416	33.558 ng	99
55) Dibenzofuran	10.09	168	1176411	27.227 ng	97
56) 4-Nitrophenol	10.02	139	297831	42.910 ng	94
57) 2,4-Dinitrotoluene	10.07	165	286695	26.715 ng	94
58) Fluorene	10.44	166	910977	27.296 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	228298	25.499 ng	98
60) Diethylphthalate	10.30	149	973668	26.882 ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	439113	26.789 ng	96
62) 4-Nitroaniline	10.45	138	214027	20.752 ng	97
63) Azobenzene	10.59	77	922445	26.311 ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	83515	19.886 ng	96
66) n-Nitrosodiphenylamine	10.54	169	799905	30.156 ng	100
67) 4-Bromophenyl-phenylether	10.92	248	268451	27.897 ng	97
68) Hexachlorobenzene	10.99	284	280771	26.374 ng	92
69) Atrazine	11.07	200	234307	28.385 ng	98
70) Pentachlorophenol	11.19	266	247149	48.975 ng	99
71) Phenanthrene	11.40	178	1368010	32.173 ng	98
72) Anthracene	11.45	178	1251892	29.312 ng	99
73) Carbazole	11.60	167	1119794	27.495 ng	97
74) Di-n-butylphthalate	11.93	149	1480118	31.545 ng	100
75) Fluoranthene	12.59	202	1453471	31.742 ng	99
77) Benzidine	12.70	184	123864	4.411 ng	96
78) Pyrene	12.82	202	1707713	33.937 ng	99
80) Butylbenzylphthalate	13.43	149	563068	26.584 ng	99
81) Benzo(a)anthracene	14.00	228	1234051	30.501 ng	97
82) 3,3'-Dichlorobenzidine	13.96	252	331022	21.091 ng	98
83) Chrysene	14.04	228	1268206	31.976 ng	98
84) Bis(2-ethylhexyl)phthalate	13.99	149	799525	28.862 ng	100
85) Di-n-octyl phthalate	14.60	149	1363151	30.356 ng	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	982439	28.028 ng	99
88) Benzo(b)fluoranthene	15.06	252	1210798	29.827 ng	99
89) Benzo(k)fluoranthene	15.09	252	1132903	30.381 ng	100
90) Benzo(a)pyrene	15.42	252	1065390	29.821 ng	99
91) Dibenzo(a,h)anthracene	16.97	278	779257	26.250 ng	99
92) Benzo(g,h,i)perylene	17.40	276	811970	27.293 ng	98

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

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