Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
Data File : BF114158.D
Acq On : 11 May 2019 15:47
Operator : JU/SJ
Sample : K2763-20MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P021-SS008-0206-01MS

Manual Integrations APPROVED
Sohil
5/13/2019 8:35:50 PM

Quant Time: May 13 07:42:49 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	332973	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	1282523	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	579187	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	1109597	20.00	ng		0.00
76) Chrysene-d12	14.00	240	615580	20.00	ng		-0.02
87) Perylene-d12	15.47	264	749161	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	2025477	97.89	ng		0.00
7) Phenol-d6	6.50	99	2711198	110.79	ng		0.00
23) Nitrobenzene-d5	7.42	82	1737354	76.02	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	603486	100.79	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	2706833	70.69	ng		0.00
79) Terphenyl-d14	12.95	244	2426295	81.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	315546	27.745	ng		99
3) Pyridine	3.42	79	557790	17.801	ng		97
4) n-Nitrosodimethylamine	3.35	42	484047	32.034	ng		96
6) Aniline	6.52	93	415087	11.742	ng	#	87
8) 2-Chlorophenol	6.65	128	847662	38.375	ng		93
9) Benzaldehyde	6.40	77	374680	21.870	ng		98
10) Phenol	6.51	94	1045942	36.332	ng		89
11) bis(2-Chloroethyl)ether	6.59	93	849232	38.857	ng		100
12) 1,3-Dichlorobenzene	6.79	146	873714	35.238	ng		97
13) 1,4-Dichlorobenzene	6.87	146	893390	35.757	ng		98
14) 1,2-Dichlorobenzene	7.02	146	832748	36.481	ng		98
15) Benzyl Alcohol	6.99	79	751144	39.355	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1622768	38.294	ng		99
17) 2-Methylphenol	7.11	107	685194	37.762	ng		99
18) Hexachloroethane	7.36	117	317127	33.814	ng		97
19) n-Nitroso-di-n-propylamine	7.27	70	593877	38.286	ng		95
20) 3+4-Methylphenols	7.26	107	789329	37.651	ng		93
22) Acetophenone	7.26	105	1115325	39.255	ng		98
24) Nitrobenzene	7.43	77	927321	39.840	ng		96
25) Isophorone	7.67	82	1638551	38.660	ng		98
26) 2-Nitrophenol	7.75	139	450485	39.892	ng		96
27) 2,4-Dimethylphenol	7.79	122	676572	38.146	ng		100
28) bis(2-Chloroethoxy)methane	7.88	93	1082457	39.362	ng		100
29) 2,4-Dichlorophenol	7.99	162	715512	40.514	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	745416	37.117	ng		99
31) Naphthalene	8.16	128	2367119	39.512	ng		100
32) Benzoic acid	7.90	122	263764	24.827	ng		95
33) 4-Chloroaniline	8.20	127	243818	8.931	ng		99
34) Hexachlorobutadiene	8.27	225	384292	33.631	ng		99
35) Caprolactam	8.56	113	208467m	36.200	ng		
36) 4-Chloro-3-methylphenol	8.69	107	762331	42.882	ng		96
37) 2-Methylnaphthalene	8.85	142	1597842	41.338	ng		98
38) 1-Methylnaphthalene	8.95	142	1432540	39.355	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	663934	37.842	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	548256	67.773	ng		98
43) 2,4,6-Trichlorophenol	9.12	196	469950	38.942	ng		98
44) 2,4,5-Trichlorophenol	9.17	196	510267	41.230	ng		97
46) 1,1'-Biphenyl	9.31	154	1850117	39.540	ng		99
47) 2-Chloronaphthalene	9.33	162	1445636	38.390	ng		99
48) 2-Nitroaniline	9.43	65	518522	38.827	ng		98
49) Acenaphthylene	9.75	152	2319248	40.494	ng		99
50) Dimethylphthalate	9.61	163	2261245	53.184	ng		99
51) 2,6-Dinitrotoluene	9.67	165	406475	43.103	ng		94
52) Acenaphthene	9.92	154	1327113	37.761	ng		99
53) 3-Nitroaniline	9.83	138	243650	20.813	ng		98
54) 2,4-Dinitrophenol	9.95	184	266029	58.116	ng		97
55) Dibenzofuran	10.09	168	1935930	37.565	ng		98
56) 4-Nitrophenol	10.01	139	571740	69.062	ng		92
57) 2,4-Dinitrotoluene	10.07	165	510720	39.900	ng		97
58) Fluorene	10.43	166	1513663	38.025	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	412994	38.675	ng		99
60) Diethylphthalate	10.30	149	1685051	39.005	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	735128	37.600	ng		98
62) 4-Nitroaniline	10.45	138	400963	32.595	ng		96
63) Azobenzene	10.59	77	1621407	38.775	ng		98
65) 4,6-Dinitro-2-methylphenol	10.49	198	208992	39.198	ng		100
66) n-Nitrosodiphenylamine	10.54	169	1368799	40.646	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	457370	37.437	ng		95
68) Hexachlorobenzene	10.99	284	489396	36.210	ng		96
69) Atrazine	11.07	200	417667	39.854	ng		98
70) Pentachlorophenol	11.18	266	449336	70.133	ng		99
71) Phenanthrene	11.40	178	2048589	37.949	ng		99
72) Anthracene	11.44	178	2120531	39.109	ng		99
73) Carbazole	11.60	167	2002114	38.722	ng		99
74) Di-n-butylphthalate	11.93	149	2358702	39.596	ng		99
75) Fluoranthene	12.58	202	2021480	34.773	ng		97
77) Benzidine	12.70	184	32110	1.162	ng		96
78) Pyrene	12.81	202	1978917	39.962	ng		99
80) Butylbenzylphthalate	13.42	149	889622	42.681	ng		98
81) Benzo(a)anthracene	14.00	228	1421436	35.701	ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	289762	18.760	ng	#	96
83) Chrysene	14.03	228	1445785	37.043	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1163018	42.663	ng		100
85) Di-n-octyl phthalate	14.60	149	1839378	41.623	ng		99
86) Indeno(1,2,3-cd)pyrene	16.94	276	2022435	58.631	ng		98
88) Benzo(b)fluoranthene	15.05	252	1567235	32.654	ng		99
89) Benzo(k)fluoranthene	15.08	252	1527542	34.647	ng		99
90) Benzo(a)pyrene	15.42	252	1555445	36.824	ng		99
91) Dibenzo(a,h)anthracene	16.96	278	1680966	47.891	ng		100
92) Benzo(g,h,i)perylene	17.39	276	1753913	49.863	ng		98

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

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