Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
Data File : BF114414.D
Acq On : 19 May 2019 2:45
Operator : JU/SJ
Sample : K2643-06MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-051619-AMS

Manual Integrations APPROVED
Sohil
5/21/2019 7:17:16 PM

Quant Time: May 20 08:22:31 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	6.84	152	212841	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	795294	20.00	ng		-0.02
39) Acenaphthene-d10	9.87	164	359853	20.00	ng		-0.02
64) Phenanthrene-d10	11.35	188	627199	20.00	ng		-0.02
76) Chrysene-d12	14.00	240	385250	20.00	ng		-0.02
87) Perylene-d12	15.46	264	436687	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1424337	107.69	ng		0.01
7) Phenol-d6	6.49	99	1679467	107.36	ng		0.00
23) Nitrobenzene-d5	7.40	82	1265396	89.29	ng		-0.01
42) 2,4,6-Tribromophenol	10.66	330	438240	117.80	ng		-0.01
45) 2-Fluorobiphenyl	9.19	172	2108904	88.65	ng		-0.02
79) Terphenyl-d14	12.93	244	1800851	96.36	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	237116	32.617	ng	#	81
3) Pyridine	3.51	79	517079	25.816	ng		98
4) n-Nitrosodimethylamine	3.44	42	338593	35.055	ng		98
6) Aniline	6.50	93	345809	15.304	ng	#	1
8) 2-Chlorophenol	6.63	128	616266	43.646	ng		96
9) Benzaldehyde	6.39	77	298953	27.299	ng		99
10) Phenol	6.50	94	636153	34.570	ng		98
11) bis(2-Chloroethyl)ether	6.57	93	648730	46.436	ng		99
12) 1,3-Dichlorobenzene	6.78	146	595283	37.559	ng		98
13) 1,4-Dichlorobenzene	6.86	146	610534	38.228	ng		96
14) 1,2-Dichlorobenzene	7.01	146	575585	39.448	ng		98
15) Benzyl Alcohol	6.99	79	511340	41.912	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1140087	42.089	ng		62
17) 2-Methylphenol	7.10	107	470897	40.600	ng	#	87
18) Hexachloroethane	7.35	117	220936	36.854	ng		98
19) n-Nitroso-di-n-propylamine	7.25	70	445791	44.961	ng		97
20) 3+4-Methylphenols	7.26	107	602640	44.971	ng	#	67
22) Acetophenone	7.25	105	866952	49.207	ng	#	89
24) Nitrobenzene	7.42	77	672007	46.559	ng		96
25) Isophorone	7.66	82	1241200	47.226	ng		98
26) 2-Nitrophenol	7.74	139	337914	48.255	ng		99
27) 2,4-Dimethylphenol	7.78	122	531656	48.340	ng		99
28) bis(2-Chloroethoxy)methane	7.86	93	799383	46.877	ng		98
29) 2,4-Dichlorophenol	7.99	162	509761	46.547	ng		97
30) 1,2,4-Trichlorobenzene	8.06	180	534092	42.887	ng		98
31) Naphthalene	8.14	128	1702000	45.815	ng		99
32) Benzoic acid	7.92	122	246895	33.899	ng		98
33) 4-Chloroaniline	8.19	127	197749	11.681	ng		96
34) Hexachlorobutadiene	8.26	225	289408	40.843	ng		98
35) Caprolactam	8.56	113	125538m	35.154	ng		
36) 4-Chloro-3-methylphenol	8.69	107	521174	47.277	ng		98
37) 2-Methylnaphthalene	8.83	142	1172381	48.913	ng		97
38) 1-Methylnaphthalene	8.93	142	1096019	48.557	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	544339	49.936	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	155095	33.213	ng		98
43) 2,4,6-Trichlorophenol	9.12	196	342037	45.618	ng		99
44) 2,4,5-Trichlorophenol	9.16	196	356058	46.305	ng		98
46) 1,1'-Biphenyl	9.29	154	1420479	48.862	ng		98
47) 2-Chloronaphthalene	9.32	162	1070746	45.766	ng		98
48) 2-Nitroaniline	9.42	65	355889	42.891	ng		99
49) Acenaphthylene	9.73	152	1676329	47.109	ng		99
50) Dimethylphthalate	9.59	163	1260046	47.699	ng		100
51) 2,6-Dinitrotoluene	9.66	165	276822	47.246	ng		95
52) Acenaphthene	9.90	154	981145	44.932	ng		99
53) 3-Nitroaniline	9.83	138	176219	24.228	ng		99
54) 2,4-Dinitrophenol	9.95	184	144395	51.623	ng		96
55) Dibenzofuran	10.07	168	1432319	44.733	ng		99
56) 4-Nitrophenol	10.01	139	256012	49.773	ng		98
57) 2,4-Dinitrotoluene	10.07	165	336429	42.304	ng	#	89
58) Fluorene	10.42	166	1130318	45.702	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	289167	43.584	ng		98
60) Diethylphthalate	10.29	149	1237756	46.115	ng		100
61) 4-Chlorophenyl-phenylether	10.40	204	560693	46.158	ng		98
62) 4-Nitroaniline	10.45	138	256925	33.616	ng		95
63) Azobenzene	10.57	77	1183140	45.539	ng		97
65) 4,6-Dinitro-2-methylphenol	10.48	198	108269	35.925	ng		88
66) n-Nitrosodiphenylamine	10.53	169	1013379	53.236	ng		98
67) 4-Bromophenyl-phenylether	10.89	248	344158	49.837	ng		97
68) Hexachlorobenzene	10.97	284	367301	48.079	ng		93
69) Atrazine	11.05	200	292283	49.340	ng		97
70) Pentachlorophenol	11.17	266	270187	74.607	ng		97
71) Phenanthrene	11.38	178	1490567	48.849	ng		98
72) Anthracene	11.43	178	1526775	49.815	ng		99
73) Carbazole	11.59	167	1345265	46.029	ng		99
74) Di-n-butylphthalate	11.91	149	1799551	53.445	ng		100
75) Fluoranthene	12.57	202	1447622	44.055	ng		99
77) Benzidine	12.69	184	180484	10.437	ng		94
78) Pyrene	12.80	202	1422262	45.892	ng		99
80) Butylbenzylphthalate	13.40	149	687042	52.669	ng		98
81) Benzo(a)anthracene	13.99	228	1196880	48.033	ng		99
82) 3,3'-Dichlorobenzidine	13.94	252	365372	37.799	ng	#	97
83) Chrysene	14.02	228	1184108	48.476	ng		98
84) Bis(2-ethylhexyl)phthalate	13.96	149	974872	57.142	ng		100
85) Di-n-octyl phthalate	14.57	149	1593824	57.630	ng		99
86) Indeno(1,2,3-cd)pyrene	16.93	276	1175248	54.441	ng		99
88) Benzo(b)fluoranthene	15.03	252	1260112	45.042	ng		100
89) Benzo(k)fluoranthene	15.06	252	1262050	49.108	ng		99
90) Benzo(a)pyrene	15.40	252	1237606	50.265	ng		99
91) Dibenzo(a,h)anthracene	16.94	278	990171	48.396	ng		99
92) Benzo(g,h,i)perylene	17.37	276	949454	46.307	ng		99

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

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