Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
Data File : BF112792.D
Acq On : 1 Mar 2019 11:45
Operator : JU/SJ
Sample : PB117468BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB117468BS

Manual Integrations APPROVED
Sohil
3/4/2019 4:55:26 PM

Quant Time: Mar 01 22:45:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	216965	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	843165	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	403356	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	780176	20.00	ng		0.00
76) Chrysene-d12	13.88	240	540923	20.00	ng		0.00
87) Perylene-d12	15.29	264	454897	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1622768	116.35	ng		0.03
7) Phenol-d6	6.39	99	2097813	119.73	ng		0.02
23) Nitrobenzene-d5	7.30	82	1134997	80.55	ng		0.00
42) 2,4,6-Tribromophenol	10.57	330	609860	142.42	ng		0.01
45) 2-Fluorobiphenyl	9.10	172	2012634	81.87	ng		0.00
79) Terphenyl-d14	12.84	244	2137876	76.61	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	235629	33.702	ng		99
3) Pyridine	3.29	79	644322	34.446	ng		100
4) n-Nitrosodimethylamine	3.22	42	286844	35.056	ng		99
6) Aniline	6.40	93	607922	25.207	ng	#	80
8) 2-Chlorophenol	6.53	128	557953	35.936	ng		96
9) Benzaldehyde	6.29	77	196693	15.580	ng		100
10) Phenol	6.40	94	694151	33.951	ng		91
11) bis(2-Chloroethyl)ether	6.49	93	556830	35.483	ng		95
12) 1,3-Dichlorobenzene	6.69	146	599300	37.365	ng		99
13) 1,4-Dichlorobenzene	6.76	146	610663	37.965	ng		98
14) 1,2-Dichlorobenzene	6.92	146	555279	37.658	ng		99
15) Benzyl Alcohol	6.89	79	504799	37.784	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.03	45	911956	34.822	ng		98
17) 2-Methylphenol	7.00	107	473833	37.618	ng		99
18) Hexachloroethane	7.26	117	229791	37.295	ng		97
19) n-Nitroso-di-n-propylamine	7.16	70	397138	35.789	ng		100
20) 3+4-Methylphenols	7.16	107	548038	38.538	ng		98
22) Acetophenone	7.15	105	762459	38.673	ng	#	99
24) Nitrobenzene	7.32	77	620574	39.570	ng		99
25) Isophorone	7.57	82	1135988	37.422	ng		99
26) 2-Nitrophenol	7.64	139	313350	47.997	ng		93
27) 2,4-Dimethylphenol	7.69	122	518441	42.685	ng		99
28) bis(2-Chloroethoxy)methane	7.78	93	711581	37.492	ng		99
29) 2,4-Dichlorophenol	7.89	162	487689	41.406	ng		97
30) 1,2,4-Trichlorobenzene	7.97	180	521428	41.201	ng		99
31) Naphthalene	8.05	128	1658802	39.626	ng		99
32) Benzoic acid	7.82	122	410678	48.243	ng		94
33) 4-Chloroaniline	8.09	127	388403	21.906	ng		98
34) Hexachlorobutadiene	8.17	225	298446	41.815	ng		100
35) Caprolactam	8.46	113	163580m	39.432	ng		
36) 4-Chloro-3-methylphenol	8.58	107	505518	38.782	ng		98
37) 2-Methylnaphthalene	8.74	142	1110813	41.090	ng		100
38) 1-Methylnaphthalene	8.84	142	1046573	39.965	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	463548	39.410	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	605548	94.014	ng		99
43) 2,4,6-Trichlorophenol	9.02	196	357597	44.174	ng		99
44) 2,4,5-Trichlorophenol	9.06	196	361019	41.260	ng		99
46) 1,1'-Biphenyl	9.20	154	1309225	39.794	ng		99
47) 2-Chloronaphthalene	9.23	162	1016837	39.582	ng		98
48) 2-Nitroaniline	9.32	65	331608	42.468	ng		98
49) Acenaphthylene	9.64	152	1638841	37.578	ng		100
50) Dimethylphthalate	9.50	163	1157979	38.935	ng		99
51) 2,6-Dinitrotoluene	9.56	165	267564	43.202	ng	#	77
52) Acenaphthene	9.81	154	986188	38.668	ng		99
53) 3-Nitroaniline	9.72	138	210901	27.946	ng		93
54) 2,4-Dinitrophenol	9.83	184	267433	103.502	ng	#	90
55) Dibenzofuran	9.98	168	1431461	38.618	ng		99
56) 4-Nitrophenol	9.89	139	490591	79.987	ng		97
57) 2,4-Dinitrotoluene	9.96	165	354842	46.092	ng		91
58) Fluorene	10.32	166	1037551	39.438	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	316975	43.481	ng		96
60) Diethylphthalate	10.20	149	1178425	37.516	ng		99
61) 4-Chlorophenyl-phenylether	10.32	204	501220	40.948	ng		96
62) 4-Nitroaniline	10.34	138	285929	41.002	ng		96
63) Azobenzene	10.47	77	1144377	35.568	ng		98
65) 4,6-Dinitro-2-methylphenol	10.37	198	167449	51.829	ng	#	71
66) n-Nitrosodiphenylamine	10.43	169	972926	38.884	ng		99
67) 4-Bromophenyl-phenylether	10.80	248	339999	41.375	ng		96
68) Hexachlorobenzene	10.87	284	385076	41.570	ng	#	92
69) Atrazine	10.96	200	301759	39.378	ng		98
70) Pentachlorophenol	11.06	266	426840	78.288	ng		98
71) Phenanthrene	11.28	178	1534636	39.535	ng		100
72) Anthracene	11.33	178	1584418	38.993	ng		100
73) Carbazole	11.48	167	1490265	37.597	ng		100
74) Di-n-butylphthalate	11.82	149	1772216	37.288	ng		99
75) Fluoranthene	12.46	202	1650456	39.686	ng		97
77) Benzidine	12.58	184	670155	23.880	ng		97
78) Pyrene	12.69	202	1678268	36.803	ng		99
80) Butylbenzylphthalate	13.31	149	774259	38.466	ng		95
81) Benzo(a)anthracene	13.87	228	1346476	35.916	ng		99
82) 3,3'-Dichlorobenzidine	13.83	252	389438	27.466	ng		99
83) Chrysene	13.91	228	1333825	36.322	ng		100
84) Bis(2-ethylhexyl)phthalate	13.87	149	868297	36.777	ng		98
85) Di-n-octyl phthalate	14.48	149	1581482	39.009	ng		98
86) Indeno(1,2,3-cd)pyrene	16.65	276	1115324	35.626	ng		96
88) Benzo(b)fluoranthene	14.89	252	1285997m	43.706	ng		
89) Benzo(k)fluoranthene	14.92	252	1103371	41.399	ng		99
90) Benzo(a)pyrene	15.23	252	1120028	43.035	ng		98
91) Dibenzo(a,h)anthracene	16.67	278	920909	41.467	ng		98
92) Benzo(g,h,i)perylene	17.06	276	934282	41.895	ng		96

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

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