Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
Data File : BF113413.D
Acq On : 29 Mar 2019 15:03
Operator : JU/SJ
Sample : PB118222BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 30 01:17:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB118222BS

Manual Integrations APPROVED
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4/1/2019 5:46:29 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	155732	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	610721	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	304028	20.00	ng		0.00
64) Phenanthrene-d10	11.22	188	628548	20.00	ng		0.00
76) Chrysene-d12	13.84	240	523040	20.00	ng		0.00
87) Perylene-d12	15.24	264	438094	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1097222	115.20	ng		0.01
7) Phenol-d6	6.36	99	1379902	114.53	ng		0.00
23) Nitrobenzene-d5	7.27	82	816242	79.33	ng		0.00
42) 2,4,6-Tribromophenol	10.53	330	403777	107.52	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	1513552	76.20	ng		0.00
79) Terphenyl-d14	12.80	244	1767311	74.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	161434	33.407	ng		98
3) Pyridine	3.13	79	361906	30.380	ng		95
4) n-Nitrosodimethylamine	3.05	42	179897	33.969	ng		88
6) Aniline	6.36	93	365266	24.895	ng		96
8) 2-Chlorophenol	6.49	128	419502	37.929	ng		99
9) Benzaldehyde	6.25	77	99796	12.343	ng		99
10) Phenol	6.37	94	505475	36.748	ng		84
11) bis(2-Chloroethyl)ether	6.44	93	399267	37.867	ng		99
12) 1,3-Dichlorobenzene	6.65	146	432588	36.285	ng		97
13) 1,4-Dichlorobenzene	6.72	146	440905	38.303	ng		98
14) 1,2-Dichlorobenzene	6.87	146	408524	36.074	ng		97
15) Benzyl Alcohol	6.85	79	324150	40.781	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	618551	39.051	ng		95
17) 2-Methylphenol	6.97	107	345299	39.838	ng		98
18) Hexachloroethane	7.22	117	158901	38.433	ng		95
19) n-Nitroso-di-n-propylamine	7.12	70	280389	37.048	ng		99
20) 3+4-Methylphenols	7.13	107	430503	42.890	ng		94
22) Acetophenone	7.12	105	563233	40.440	ng	#	97
24) Nitrobenzene	7.29	77	436933	40.693	ng		97
25) Isophorone	7.53	82	806430	40.442	ng		98
26) 2-Nitrophenol	7.60	139	224928	39.632	ng		95
27) 2,4-Dimethylphenol	7.65	122	382868	46.897	ng		99
28) bis(2-Chloroethoxy)methane	7.74	93	506414	40.328	ng		100
29) 2,4-Dichlorophenol	7.85	162	367727	41.564	ng		99
30) 1,2,4-Trichlorobenzene	7.93	180	389396	40.795	ng		99
31) Naphthalene	8.00	128	1213410	40.658	ng		99
32) Benzoic acid	7.75	122	28513	4.339	ng		96
33) 4-Chloroaniline	8.06	127	290026	24.921	ng		99
34) Hexachlorobutadiene	8.13	225	225273	39.708	ng		99
35) Caprolactam	8.44	113	114258m	40.240	ng		
36) 4-Chloro-3-methylphenol	8.56	107	370297	41.613	ng		100
37) 2-Methylnaphthalene	8.70	142	815925	43.815	ng		99
38) 1-Methylnaphthalene	8.80	142	773632	43.191	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	379092	38.845	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	282153	68.304	ng	100
43) 2,4,6-Trichlorophenol	8.98	196	235552	37.065	ng	98
44) 2,4,5-Trichlorophenol	9.03	196	257345	36.590	ng	97
46) 1,1'-Biphenyl	9.16	154	999645	39.368	ng	100
47) 2-Chloronaphthalene	9.19	162	762718	39.012	ng	98
48) 2-Nitroaniline	9.29	65	244991	39.931	ng	96
49) Acenaphthylene	9.60	152	1231195	38.947	ng	99
50) Dimethylphthalate	9.46	163	904479	40.144	ng	100
51) 2,6-Dinitrotoluene	9.53	165	203155	39.968	ng	94
52) Acenaphthene	9.77	154	708158	39.779	ng	100
53) 3-Nitroaniline	9.69	138	186225	32.488	ng	92
54) 2,4-Dinitrophenol	9.81	184	58728	23.230	ng	93
55) Dibenzofuran	9.94	168	1077605	40.265	ng	99
56) 4-Nitrophenol	9.87	139	253672	62.074	ng	94
57) 2,4-Dinitrotoluene	9.93	165	259405	40.131	ng	97
58) Fluorene	10.28	166	823913	39.629	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	202116	33.983	ng	99
60) Diethylphthalate	10.16	149	883311	39.964	ng	99
61) 4-Chlorophenyl-phenylether	10.27	204	408110	40.276	ng	94
62) 4-Nitroaniline	10.31	138	246929	41.840	ng	97
63) Azobenzene	10.43	77	834958	40.131	ng	97
65) 4,6-Dinitro-2-methylphenol	10.35	198	58349	16.970	ng	99
66) n-Nitrosodiphenylamine	10.39	169	755259	39.159	ng	98
67) 4-Bromophenyl-phenylether	10.76	248	266432	38.891	ng	94
68) Hexachlorobenzene	10.83	284	312376	39.283	ng	95
69) Atrazine	10.92	200	230559	37.873	ng	96
70) Pentachlorophenol	11.03	266	191986	46.341	ng	98
71) Phenanthrene	11.24	178	1231772	39.462	ng	100
72) Anthracene	11.29	178	1289891	40.684	ng	100
73) Carbazole	11.45	167	1240080	40.990	ng	100
74) Di-n-butylphthalate	11.78	149	1404202	40.025	ng	100
75) Fluoranthene	12.42	202	1410106	39.961	ng	99
77) Benzidine	12.54	184	419263	20.932	ng	97
78) Pyrene	12.65	202	1419654	39.168	ng	100
80) Butylbenzylphthalate	13.27	149	643375	40.278	ng	96
81) Benzo(a)anthracene	13.83	228	1168002	39.012	ng	100
82) 3,3'-Dichlorobenzidine	13.80	252	316042	26.313	ng	99
83) Chrysene	13.87	228	1199730	39.451	ng	100
84) Bis(2-ethylhexyl)phthalate	13.83	149	777878	39.724	ng	99
85) Di-n-octyl phthalate	14.43	149	1386937	41.726	ng	100
86) Indeno(1,2,3-cd)pyrene	16.62	276	1330565	50.982	ng	99
88) Benzo(b)fluoranthene	14.85	252	1161581	42.683	ng	99
89) Benzo(k)fluoranthene	14.88	252	1145915	47.948	ng	98
90) Benzo(a)pyrene	15.19	252	1118585	46.363	ng	100
91) Dibenzo(a,h)anthracene	16.62	278	1111181	53.265	ng	99
92) Benzo(g,h,i)perylene	17.02	276	1168255	55.541	ng	99

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

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