Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\
Data File : BF118361.D
Acq On : 28 Dec 2019 13:13
Operator : JU
Sample : PB125749BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB125749BSD

Manual Integrations APPROVED
mohammad
12/30/2019 2:08:34 PM

Quant Time: Dec 29 07:27:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	149907	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	628210	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	347145	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	651052	20.00	ng		0.00
76) Chrysene-d12	14.06	240	436676	20.00	ng		0.00
87) Perylene-d12	15.54	264	254695	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1000503	113.93	ng		0.02
7) Phenol-d6	6.50	99	1215919	111.61	ng		0.01
23) Nitrobenzene-d5	7.42	82	812648	73.99	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	449623	104.88	ng		0.01
45) 2-Fluorobiphenyl	9.22	172	1723392	75.78	ng		0.00
79) Terphenyl-d14	12.99	244	2045109	77.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	136103	38.986	ng		99
3) Pyridine	3.46	79	316778	34.057	ng		99
4) n-Nitrosodimethylamine	3.41	42	158026	41.092	ng		99
6) Aniline	6.52	93	357523	25.844	ng	#	80
8) 2-Chlorophenol	6.65	128	450864	45.330	ng		99
9) Benzaldehyde	6.40	77	76282	11.943	ng		99
10) Phenol	6.51	94	520184	42.482	ng		89
11) bis(2-Chloroethyl)ether	6.59	93	381746	43.593	ng		98
12) 1,3-Dichlorobenzene	6.79	146	469611	40.996	ng		99
13) 1,4-Dichlorobenzene	6.87	146	480415	41.290	ng		99
14) 1,2-Dichlorobenzene	7.02	146	455111	41.431	ng		100
15) Benzyl Alcohol	7.00	79	364781	43.977	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	389137	41.644	ng		88
17) 2-Methylphenol	7.12	107	357292	44.788	ng		96
18) Hexachloroethane	7.36	117	173706	40.679	ng		99
19) n-Nitroso-di-n-propylamine	7.27	70	285774	42.581	ng		97
20) 3+4-Methylphenols	7.27	107	459459	45.001	ng		95
22) Acetophenone	7.27	105	596028	38.711	ng	#	94
24) Nitrobenzene	7.44	77	438998	39.899	ng		100
25) Isophorone	7.68	82	797851	41.680	ng		100
26) 2-Nitrophenol	7.76	139	250951	43.061	ng		97
27) 2,4-Dimethylphenol	7.80	122	388855	48.904	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	498484	39.818	ng		99
29) 2,4-Dichlorophenol	8.00	162	384005	41.959	ng		97
30) 1,2,4-Trichlorobenzene	8.08	180	414133	38.846	ng		99
31) Naphthalene	8.16	128	1310952	41.057	ng		100
32) Benzoic acid	7.95	122	242867	37.570	ng		97
33) 4-Chloroaniline	8.22	127	291800	21.318	ng		97
34) Hexachlorobutadiene	8.27	225	242243	38.172	ng		100
35) Caprolactam	8.60	113	125910m	44.067	ng		
36) 4-Chloro-3-methylphenol	8.71	107	407182	41.439	ng		99
37) 2-Methylnaphthalene	8.86	142	914058	41.812	ng		99
38) 1-Methylnaphthalene	8.96	142	857823	41.650	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	403782	38.713	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	199858	49.401	ng		96
43) 2,4,6-Trichlorophenol	9.14	196	269951	38.741	ng		100
44) 2,4,5-Trichlorophenol	9.19	196	292440	40.797	ng		98
46) 1,1'-Biphenyl	9.32	154	1090963	39.733	ng		99
47) 2-Chloronaphthalene	9.35	162	852995	38.600	ng		98
48) 2-Nitroaniline	9.45	65	233630	37.430	ng		98
49) Acenaphthylene	9.77	152	1325042	40.429	ng		99
50) Dimethylphthalate	9.62	163	1018419	39.083	ng		99
51) 2,6-Dinitrotoluene	9.69	165	228631	40.697	ng		99
52) Acenaphthene	9.94	154	787820	39.464	ng		98
53) 3-Nitroaniline	9.86	138	157745	23.924	ng		88
54) 2,4-Dinitrophenol	9.99	184	209674	74.410	ng	#	91
55) Dibenzofuran	10.12	168	1179474	39.986	ng		100
56) 4-Nitrophenol	10.05	139	308268	75.731	ng		92
57) 2,4-Dinitrotoluene	10.10	165	300506	40.032	ng		88
58) Fluorene	10.46	166	945547	39.709	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	250233	41.085	ng		99
60) Diethylphthalate	10.33	149	1030774	39.985	ng		99
61) 4-Chlorophenyl-phenylether	10.45	204	467904	39.363	ng		99
62) 4-Nitroaniline	10.49	138	223448	32.620	ng		99
63) Azobenzene	10.61	77	888308	40.229	ng		98
65) 4,6-Dinitro-2-methylphenol	10.52	198	159054	45.286	ng		98
66) n-Nitrosodiphenylamine	10.57	169	835325	40.033	ng		98
67) 4-Bromophenyl-phenylether	10.94	248	300341	39.419	ng		97
68) Hexachlorobenzene	11.01	284	342523	38.192	ng		99
69) Atrazine	11.10	200	269740	41.885	ng		96
70) Pentachlorophenol	11.21	266	303558	78.155	ng		100
71) Phenanthrene	11.43	178	1384645	39.013	ng		100
72) Anthracene	11.48	178	1432755	40.330	ng		99
73) Carbazole	11.63	167	1224379	38.841	ng		99
74) Di-n-butylphthalate	11.96	149	1657163	41.460	ng		100
75) Fluoranthene	12.62	202	1413217	39.454	ng		98
77) Benzidine	12.74	184	233760	19.537	ng		99
78) Pyrene	12.85	202	1429668	40.092	ng		99
80) Butylbenzylphthalate	13.46	149	683252	42.554	ng		96
81) Benzo(a)anthracene	14.05	228	1205145	39.428	ng		99
82) 3,3'-Dichlorobenzidine	14.00	252	342522	33.051	ng		98
83) Chrysene	14.08	228	1132084	38.680	ng		100
84) Bis(2-ethylhexyl)phthalate	14.02	149	985675	46.687	ng		99
85) Di-n-octyl phthalate	14.63	149	1493631	48.095	ng		100
86) Indeno(1,2,3-cd)pyrene	17.06	276	866548	34.748	ng		99
88) Benzo(b)fluoranthene	15.11	252	955081	56.492	ng		99
89) Benzo(k)fluoranthene	15.14	252	927763	57.152	ng		99
90) Benzo(a)pyrene	15.48	252	806396	54.145	ng		99
91) Dibenzo(a,h)anthracene	17.07	278	739743	57.237	ng		96
92) Benzo(g,h,i)perylene	17.52	276	719078	57.597	ng		99

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

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