Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102020\
Data File : BF122029.D
Acq On : 20 Oct 2020 14:59
Operator : JU/CG
Sample : PB132494BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 20 15:22:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 12:55:05 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB132494BS

Manual Integrations APPROVED
mohammad
10/21/2020 12:50:04 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.728	152	131055	20.00	ng		-0.02
21) Naphthalene-d8	8.016	136	527889	20.00	ng		-0.01
39) Acenaphthene-d10	9.769	164	276359	20.00	ng		-0.01
64) Phenanthrene-d10	11.257	188	513161	20.00	ng		0.00
76) Chrysene-d12	13.904	240	365439	20.00	ng		0.00
86) Perylene-d12	15.333	264	303438	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.363	112	995671	112.13	ng		0.00
7) Phenol-d6	6.387	99	1243071	108.75	ng		0.00
23) Nitrobenzene-d5	7.304	82	897383	87.18	ng		-0.01
42) 2,4,6-Tribromophenol	10.569	330	399451	116.85	ng		0.00
45) 2-Fluorobiphenyl	9.092	172	1517116	80.77	ng		-0.01
79) Terphenyl-d14	12.845	244	1616244	84.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.516	88	135895	34.80	ng		99
3) Pyridine	3.234	79	396711	38.63	ng		100
4) n-Nitrosodimethylamine	3.193	42	218008	43.93	ng		98
6) Aniline	6.398	93	486367	34.55	ng	#	17
8) 2-Chlorophenol	6.522	128	408544	45.52	ng		95
9) Benzaldehyde	6.281	77	180746	25.27	ng		99
10) Phenol	6.398	94	487168	41.30	ng		88
11) bis(2-Chloroethyl)ether	6.475	93	409817	44.94	ng		98
12) 1,3-Dichlorobenzene	6.669	146	426248	42.22	ng		100
13) 1,4-Dichlorobenzene	6.745	146	431469	42.57	ng		98
14) 1,2-Dichlorobenzene	6.898	146	403405	43.54	ng		97
15) Benzyl Alcohol	6.887	79	355863	48.13	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.010	45	600709	42.80	ng		65
17) 2-Methylphenol	7.004	107	329034	42.88	ng	#	90
18) Hexachloroethane	7.239	117	160268	43.78	ng		93
19) n-Nitroso-di-n-propyla...	7.157	70	289006	44.41	ng		99
20) 3+4-Methylphenols	7.157	107	407650	44.06	ng	#	82
22) Acetophenone	7.151	105	545881	40.19	ng		97
24) Nitrobenzene	7.322	77	450003	40.90	ng		99
25) Isophorone	7.563	82	824571	42.37	ng		99
26) 2-Nitrophenol	7.639	139	216102	42.65	ng		96
27) 2,4-Dimethylphenol	7.681	122	356067	41.23	ng		98
28) bis(2-Chloroethoxy)met...	7.769	93	515286	42.32	ng		100
29) 2,4-Dichlorophenol	7.886	162	340152	42.06	ng		97
30) 1,2,4-Trichlorobenzene	7.957	180	354512	41.22	ng		99
31) Naphthalene	8.039	128	1153869	40.80	ng		100
32) Benzoic acid	7.851	122	201748	42.01	ng		97
33) 4-Chloroaniline	8.092	127	387892	32.20	ng		99
34) Hexachlorobutadiene	8.151	225	216424	42.44	ng		99
35) Caprolactam	8.486	113	98541m	38.36	ng		
36) 4-Chloro-3-methylphenol	8.592	107	376206	43.31	ng		99
37) 2-Methylnaphthalene	8.728	142	751308	41.02	ng		97
38) 1-Methylnaphthalene	8.828	142	691060	40.74	ng		100
40) 1,2,4,5-Tetrachloroben...	8.898	216	357965	40.13	ng		99
41) Hexachlorocyclopentadiene	8.881	237	221749	77.65	ng		100
43) 2,4,6-Trichlorophenol	9.016	196	232158	42.18	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.063	196	242397	40.78	ng		98
46) 1,1'-Biphenyl	9.192	154	906967	40.36	ng		100
47) 2-Chloronaphthalene	9.222	162	706219	40.41	ng		99
48) 2-Nitroaniline	9.328	65	248988	43.20	ng		98
49) Acenaphthylene	9.633	152	1052622	39.22	ng		100
50) Dimethylphthalate	9.504	163	869935	43.05	ng		99
51) 2,6-Dinitrotoluene	9.569	165	191031	43.10	ng		99
52) Acenaphthene	9.804	154	652956	40.90	ng		100
53) 3-Nitroaniline	9.739	138	154595	30.66	ng		98
54) 2,4-Dinitrophenol	9.863	184	169654	75.54	ng		94
55) Dibenzofuran	9.980	168	921202	39.46	ng		99
56) 4-Nitrophenol	9.928	139	203926	74.36	ng		83
57) 2,4-Dinitrotoluene	9.980	165	230094	42.16	ng	#	82
58) Fluorene	10.322	166	767138	40.78	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.104	232	200976	43.71	ng		99
60) Diethylphthalate	10.204	149	853206	43.78	ng		100
61) 4-Chlorophenyl-phenyle...	10.310	204	380565	42.19	ng		96
62) 4-Nitroaniline	10.363	138	186744	37.08	ng		94
63) Azobenzene	10.475	77	864972	41.97	ng		99
65) 4,6-Dinitro-2-methylph...	10.398	198	136226	40.39	ng		95
66) n-Nitrosodiphenylamine	10.439	169	736265	41.65	ng		99
67) 4-Bromophenyl-phenylether	10.798	248	255949	43.17	ng		94
68) Hexachlorobenzene	10.875	284	286286	42.66	ng	#	90
69) Atrazine	10.969	200	203028	46.97	ng		99
70) Pentachlorophenol	11.075	266	218897	82.67	ng		99
71) Phenanthrene	11.286	178	1138975	40.48	ng		100
72) Anthracene	11.339	178	1165287	39.93	ng		100
73) Carbazole	11.498	167	1031780	39.76	ng		100
74) Di-n-butylphthalate	11.822	149	1294478	43.36	ng		99
75) Fluoranthene	12.474	202	1201744	39.83	ng		98
77) Benzidine	12.598	184	632443	56.14	ng		99
78) Pyrene	12.704	202	1196529	42.97	ng		99
80) Butylbenzylphthalate	13.316	149	542533	49.12	ng		99
81) Benzo(a)anthracene	13.892	228	1031902	43.09	ng		100
82) 3,3'-Dichlorobenzidine	13.851	252	276575	31.14	ng		98
83) Chrysene	13.927	228	997399	42.43	ng		99
84) Bis(2-ethylhexyl)phtha...	13.874	149	755150	50.37	ng		99
85) Di-n-octyl phthalate	14.486	149	1218901	50.26	ng		100
87) Indeno(1,2,3-cd)pyrene	16.756	276	861677	43.74	ng		99
88) Benzo(b)fluoranthene	14.927	252	920907	44.90	ng		99
89) Benzo(k)fluoranthene	14.957	252	852317	43.74	ng		99
90) Benzo(a)pyrene	15.280	252	772438	43.60	ng		99
91) Dibenzo(a,h)anthracene	16.756	278	718265	44.28	ng		99
92) Benzo(g,h,i)perylene	17.174	276	716865	44.15	ng		98

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

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