Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021021\
Data File : BF123172.D
Acq On : 10 Feb 2021 16:06
Operator : JU/CG
Sample : PB134558BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB134558BS

Manual Integrations APPROVED
mohammad
2/11/2021 9:46:18 AM

Quant Time: Feb 10 17:29:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 10 15:25:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	169791	20.00	ng	0.00
21) Naphthalene-d8	8.169	136	656224	20.00	ng	0.00
39) Acenaphthene-d10	9.927	164	352720	20.00	ng	0.00
64) Phenanthrene-d10	11.416	188	636115	20.00	ng	0.00
76) Chrysene-d12	14.068	240	493641	20.00	ng	0.00
86) Perylene-d12	15.551	264	400744	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1214276	110.32	ng	0.01
7) Phenol-d6	6.516	99	1546606	103.66	ng	0.00
23) Nitrobenzene-d5	7.445	82	888490	68.14	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	485617	126.83	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1693961	71.39	ng	0.00
79) Terphenyl-d14	13.010	244	1817871	72.35	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	202991	37.07	ng	94
3) Pyridine	3.487	79	546696	37.33	ng	96
4) n-Nitrosodimethylamine	3.440	42	246044	39.92	ng	93
6) Aniline	6.545	93	542543	29.55	ng	99
8) 2-Chlorophenol	6.669	128	525789	44.07	ng	98
9) Benzaldehyde	6.434	77	247837	36.33	ng	97
10) Phenol	6.528	94	645744	43.64	ng	92
11) bis(2-Chloroethyl)ether	6.616	93	502627	40.82	ng	96
12) 1,3-Dichlorobenzene	6.828	146	582784	41.89	ng	99
13) 1,4-Dichlorobenzene	6.898	146	593052	40.93	ng	97
14) 1,2-Dichlorobenzene	7.051	146	565872	41.74	ng	98
15) Benzyl Alcohol	7.022	79	440221	42.09	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	677140	35.66	ng	100
17) 2-Methylphenol	7.134	107	426179	41.98	ng	97
18) Hexachloroethane	7.398	117	217005	42.75	ng	99
19) n-Nitroso-di-n-propyla...	7.298	70	357399	39.84	ng	99
20) 3+4-Methylphenols	7.286	107	523451	43.77	ng	96
22) Acetophenone	7.292	105	704156	41.18	ng	100
24) Nitrobenzene	7.463	77	559560	41.65	ng	97
25) Isophorone	7.704	82	1014755	42.49	ng	99
26) 2-Nitrophenol	7.781	139	286754	51.62	ng	99
27) 2,4-Dimethylphenol	7.816	122	465021	46.39	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	633858	38.90	ng	99
29) 2,4-Dichlorophenol	8.022	162	451686	43.09	ng	96
30) 1,2,4-Trichlorobenzene	8.110	180	500997	42.42	ng	98
31) Naphthalene	8.192	128	1524404	42.35	ng	100
32) Benzoic acid	7.945	122	336420	42.31	ng	98
33) 4-Chloroaniline	8.233	127	384956	24.10	ng	98
34) Hexachlorobutadiene	8.310	225	302997	44.41	ng	99
35) Caprolactam	8.604	113	138420m	39.07	ng	
36) 4-Chloro-3-methylphenol	8.722	107	478881	43.93	ng	98
37) 2-Methylnaphthalene	8.880	142	1031232	43.15	ng	99
38) 1-Methylnaphthalene	8.980	142	959850	42.42	ng	98
40) 1,2,4,5-Tetrachloroben...	9.051	216	482544	43.98	ng	99
41) Hexachlorocyclopentadiene	9.039	237	568837	109.21	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	331608	44.08	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	352770	44.85	ng		99
46) 1,1'-Biphenyl	9.345	154	1234667	42.68	ng		99
47) 2-Chloronaphthalene	9.375	162	981687	40.53	ng		98
48) 2-Nitroaniline	9.463	65	296909	40.45	ng		84
49) Acenaphthylene	9.792	152	1496766	42.23	ng		100
50) Dimethylphthalate	9.651	163	1152721	41.66	ng		100
51) 2,6-Dinitrotoluene	9.710	165	260581	44.20	ng		97
52) Acenaphthene	9.963	154	1068282	46.92	ng		99
53) 3-Nitroaniline	9.875	138	178762	25.65	ng		93
54) 2,4-Dinitrophenol	9.986	184	270515	98.61	ng		95
55) Dibenzofuran	10.133	168	1349493	40.73	ng		99
56) 4-Nitrophenol	10.039	139	418383	83.03	ng		84
57) 2,4-Dinitrotoluene	10.116	165	346798	45.24	ng		95
58) Fluorene	10.480	166	1035438	39.12	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	303252	45.46	ng		97
60) Diethylphthalate	10.351	149	1135858	41.74	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	515029	41.41	ng		99
62) 4-Nitroaniline	10.492	138	248660	35.50	ng		99
63) Azobenzene	10.627	77	1055710	39.65	ng		99
65) 4,6-Dinitro-2-methylph...	10.522	198	189729	53.41	ng		91
66) n-Nitrosodiphenylamine	10.586	169	934659	40.76	ng		99
67) 4-Bromophenyl-phenylether	10.963	248	347570	42.90	ng		92
68) Hexachlorobenzene	11.027	284	379868	43.72	ng		97
69) Atrazine	11.116	200	266650	42.11	ng		99
70) Pentachlorophenol	11.222	266	441042	93.65	ng		98
71) Phenanthrene	11.445	178	1542068	39.03	ng		100
72) Anthracene	11.498	178	1590845	41.98	ng		99
73) Carbazole	11.651	167	1380011	39.24	ng		99
74) Di-n-butylphthalate	11.980	149	1729119	41.46	ng		100
75) Fluoranthene	12.639	202	1617625	40.97	ng		98
77) Benzidine	12.757	184	551551	49.38	ng		99
78) Pyrene	12.868	202	1597020	42.85	ng		99
80) Butylbenzylphthalate	13.486	149	710955	44.34	ng		96
81) Benzo(a)anthracene	14.057	228	1376472	41.20	ng		99
82) 3,3'-Dichlorobenzidine	14.015	252	377214	35.88	ng	#	99
83) Chrysene	14.098	228	1375081	41.12	ng		100
84) Bis(2-ethylhexyl)phtha...	14.045	149	995308	46.71	ng		99
85) Di-n-octyl phthalate	14.662	149	1636880	45.74	ng		100
87) Indeno(1,2,3-cd)pyrene	17.051	276	1248123	46.77	ng		99
88) Benzo(b)fluoranthene	15.121	252	1350577	46.69	ng		97
89) Benzo(k)fluoranthene	15.151	252	1214827	45.20	ng		98
90) Benzo(a)pyrene	15.492	252	1134102	44.64	ng		99
91) Dibenzo(a,h)anthracene	17.068	278	1055740	48.06	ng		99
92) Benzo(g,h,i)perylene	17.503	276	1015872	47.72	ng		99

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

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