Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022021\
Data File : BF123244.D
Acq On : 20 Feb 2021 14:23
Operator : JU/CG
Sample : PB134686BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB134686BSD

Manual Integrations APPROVED
mohammad
2/22/2021 2:13:33 PM

Quant Time: Feb 22 03:15:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 19 16:08:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	114255	20.00	ng		0.00
21) Naphthalene-d8	8.139	136	463172	20.00	ng		# 0.00
39) Acenaphthene-d10	9.904	164	235897	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	467367	20.00	ng		0.00
76) Chrysene-d12	14.045	240	396306	20.00	ng		0.00
86) Perylene-d12	15.515	264	350487	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	613971	77.35	ng		0.01
7) Phenol-d6	6.486	99	807763	74.91	ng		0.00
23) Nitrobenzene-d5	7.422	82	661073	65.34	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	187263	77.96	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	1073372	65.36	ng		0.00
79) Terphenyl-d14	12.980	244	1205298	58.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	210394	45.93	ng		89
3) Pyridine	3.469	79	594173	53.23	ng		92
4) n-Nitrosodimethylamine	3.428	42	269453	52.21	ng		93
6) Aniline	6.516	93	381401	29.94	ng		94
8) 2-Chlorophenol	6.645	128	343414	40.27	ng		97
9) Benzaldehyde	6.404	77	135243	20.88	ng		92
10) Phenol	6.498	94	468948	39.90	ng		98
11) bis(2-Chloroethyl)ether	6.592	93	340681	40.42	ng		98
12) 1,3-Dichlorobenzene	6.798	146	369332	41.64	ng	#	94
13) 1,4-Dichlorobenzene	6.875	146	371564	41.10	ng		95
14) 1,2-Dichlorobenzene	7.028	146	357226	42.48	ng		94
15) Benzyl Alcohol	6.998	79	329279	39.16	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.133	45	447660	38.72	ng		98
17) 2-Methylphenol	7.110	107	289697	40.39	ng		95
18) Hexachloroethane	7.369	117	142576	43.66	ng		92
19) n-Nitroso-di-n-propyla...	7.269	70	261644	40.78	ng		95
20) 3+4-Methylphenols	7.263	107	368257	39.10	ng		92
22) Acetophenone	7.269	105	494063	41.12	ng		98
24) Nitrobenzene	7.439	77	407915	38.24	ng		92
25) Isophorone	7.681	82	703718	37.19	ng		97
26) 2-Nitrophenol	7.757	139	180848	40.47	ng		93
27) 2,4-Dimethylphenol	7.792	122	302119	43.67	ng		94
28) bis(2-Chloroethoxy)met...	7.886	93	424396	42.86	ng		99
29) 2,4-Dichlorophenol	7.998	162	275637	38.59	ng		94
30) 1,2,4-Trichlorobenzene	8.080	180	302177	38.91	ng		99
31) Naphthalene	8.163	128	990376	39.02	ng		100
32) Benzoic acid	7.916	122	199578	39.11	ng		91
33) 4-Chloroaniline	8.210	127	244634	23.68	ng	#	92
34) Hexachlorobutadiene	8.280	225	166723	38.06	ng		98
35) Caprolactam	8.575	113	96118m	40.10	ng		
36) 4-Chloro-3-methylphenol	8.692	107	337220	39.72	ng		88
37) 2-Methylnaphthalene	8.857	142	658545	38.95	ng		98
38) 1-Methylnaphthalene	8.957	142	617054	39.02	ng		100
40) 1,2,4,5-Tetrachloroben...	9.027	216	285955	40.57	ng	#	97
41) Hexachlorocyclopentadiene	9.010	237	303673	91.95	ng		97
43) 2,4,6-Trichlorophenol	9.133	196	197607	39.53	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	206048	38.51	ng	#	91
46) 1,1'-Biphenyl	9.322	154	798159	40.79	ng		100
47) 2-Chloronaphthalene	9.345	162	611010	39.57	ng		98
48) 2-Nitroaniline	9.439	65	235837	42.63	ng	#	75
49) Acenaphthylene	9.763	152	942879	40.26	ng		99
50) Dimethylphthalate	9.622	163	711705	40.34	ng		99
51) 2,6-Dinitrotoluene	9.686	165	164230	40.40	ng	#	85
52) Acenaphthene	9.939	154	722319m	44.73	ng		
53) 3-Nitroaniline	9.851	138	122969	27.25	ng	#	78
54) 2,4-Dinitrophenol	9.963	184	180511	84.52	ng		88
55) Dibenzofuran	10.110	168	854461	39.08	ng		96
56) 4-Nitrophenol	10.022	139	296161	82.36	ng	#	77
57) 2,4-Dinitrotoluene	10.092	165	229880	42.05	ng		94
58) Fluorene	10.451	166	689544	40.08	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	174002	40.77	ng	#	83
60) Diethylphthalate	10.327	149	703209	40.26	ng		99
61) 4-Chlorophenyl-phenyle...	10.445	204	324393	39.61	ng		98
62) 4-Nitroaniline	10.469	138	183416	40.38	ng		85
63) Azobenzene	10.604	77	779440	38.72	ng		95
65) 4,6-Dinitro-2-methylph...	10.498	198	125685	39.95	ng		76
66) n-Nitrosodiphenylamine	10.563	169	604656	37.41	ng		99
67) 4-Bromophenyl-phenylether	10.933	248	190646	37.42	ng	#	87
68) Hexachlorobenzene	11.004	284	205371	38.26	ng		95
69) Atrazine	11.092	200	175788	34.42	ng		97
70) Pentachlorophenol	11.198	266	264540	78.06	ng		98
71) Phenanthrene	11.421	178	1063953	38.50	ng		99
72) Anthracene	11.468	178	1103217	40.00	ng		99
73) Carbazole	11.621	167	987243	38.01	ng		99
74) Di-n-butylphthalate	11.957	149	1121788	38.63	ng		99
75) Fluoranthene	12.610	202	1172117	40.01	ng		99
77) Benzidine	12.727	184	505673	39.50	ng		99
78) Pyrene	12.839	202	1185036	38.30	ng		99
80) Butylbenzylphthalate	13.457	149	502247	38.40	ng		87
81) Benzo(a)anthracene	14.033	228	1022989	37.98	ng		97
82) 3,3'-Dichlorobenzidine	13.992	252	273981	30.60	ng	#	98
83) Chrysene	14.074	228	1013242	38.31	ng		99
84) Bis(2-ethylhexyl)phtha...	14.021	149	669122	37.16	ng		99
85) Di-n-octyl phthalate	14.633	149	1165446	37.89	ng		97
87) Indeno(1,2,3-cd)pyrene	17.003	276	898171	37.08	ng		98
88) Benzo(b)fluoranthene	15.086	252	1030272	41.85	ng		99
89) Benzo(k)fluoranthene	15.121	252	893950	40.06	ng		99
90) Benzo(a)pyrene	15.456	252	853636	38.89	ng		98
91) Dibenzo(a,h)anthracene	17.015	278	752821	36.23	ng		98
92) Benzo(g,h,i)perylene	17.450	276	714154	37.31	ng		99

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

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