Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022021\
Data File : BF123243.D
Acq On : 20 Feb 2021 12:13
Operator : JU/CG
Sample : PB134686BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB134686BS

Manual Integrations APPROVED
mohammad
2/22/2021 2:13:30 PM

Quant Time: Feb 22 03:15:29 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	116711	20.00	ng		0.00
21) Naphthalene-d8	8.139	136	472021	20.00	ng		# 0.00
39) Acenaphthene-d10	9.904	164	246765	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	467459	20.00	ng		0.00
76) Chrysene-d12	14.045	240	390209	20.00	ng		0.00
86) Perylene-d12	15.515	264	356567	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	667043	82.27	ng		0.01
7) Phenol-d6	6.487	99	889599	80.76	ng		0.00
23) Nitrobenzene-d5	7.422	82	721945	70.01	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	205892	81.94	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	1168562	68.02	ng		0.00
79) Terphenyl-d14	12.980	244	1285564	63.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.740	88	231819	49.54	ng		91
3) Pyridine	3.475	79	614650	53.91	ng		90
4) n-Nitrosodimethylamine	3.434	42	275859	52.32	ng		92
6) Aniline	6.516	93	428750	32.95	ng		94
8) 2-Chlorophenol	6.645	128	379408	43.55	ng		97
9) Benzaldehyde	6.404	77	148121	22.85	ng		94
10) Phenol	6.498	94	517304	43.09	ng		96
11) bis(2-Chloroethyl)ether	6.592	93	373680	43.40	ng		97
12) 1,3-Dichlorobenzene	6.798	146	400007	44.14	ng	#	95
13) 1,4-Dichlorobenzene	6.875	146	402965	43.64	ng		95
14) 1,2-Dichlorobenzene	7.028	146	385728	44.90	ng		95
15) Benzyl Alcohol	6.998	79	363620	42.34	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.134	45	488312	41.34	ng		99
17) 2-Methylphenol	7.110	107	322963	44.08	ng		95
18) Hexachloroethane	7.369	117	152074	45.59	ng		95
19) n-Nitroso-di-n-propyla...	7.269	70	285024	43.49	ng		93
20) 3+4-Methylphenols	7.263	107	404667	42.06	ng		95
22) Acetophenone	7.269	105	538955	44.02	ng		97
24) Nitrobenzene	7.439	77	451663	41.55	ng		94
25) Isophorone	7.681	82	775067	40.20	ng		97
26) 2-Nitrophenol	7.757	139	198160	43.51	ng		91
27) 2,4-Dimethylphenol	7.792	122	334935	47.51	ng		94
28) bis(2-Chloroethoxy)met...	7.886	93	463210	45.90	ng		99
29) 2,4-Dichlorophenol	7.998	162	310673	42.68	ng		94
30) 1,2,4-Trichlorobenzene	8.081	180	331582	41.90	ng		97
31) Naphthalene	8.163	128	1088872	42.09	ng		99
32) Benzoic acid	7.922	122	233537	44.91	ng		91
33) 4-Chloroaniline	8.210	127	271028	25.75	ng	#	93
34) Hexachlorobutadiene	8.281	225	182399	40.86	ng		98
35) Caprolactam	8.581	113	102351m	41.90	ng		
36) 4-Chloro-3-methylphenol	8.698	107	376395	43.50	ng		93
37) 2-Methylnaphthalene	8.857	142	726306	42.15	ng		100
38) 1-Methylnaphthalene	8.957	142	678663	42.11	ng		99
40) 1,2,4,5-Tetrachloroben...	9.022	216	306870	41.62	ng	#	96
41) Hexachlorocyclopentadiene	9.010	237	345490	100.01	ng		98
43) 2,4,6-Trichlorophenol	9.133	196	216478	41.40	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	231621	41.39	ng	#	90
46) 1,1'-Biphenyl	9.322	154	875556	42.77	ng		99
47) 2-Chloronaphthalene	9.345	162	669882	41.47	ng		99
48) 2-Nitroaniline	9.439	65	254394	43.96	ng	#	74
49) Acenaphthylene	9.763	152	1034454	42.23	ng		99
50) Dimethylphthalate	9.622	163	779242	42.23	ng		99
51) 2,6-Dinitrotoluene	9.686	165	178964	42.08	ng	#	86
52) Acenaphthene	9.939	154	787845m	46.64	ng		
53) 3-Nitroaniline	9.851	138	136200	28.85	ng	#	80
54) 2,4-Dinitrophenol	9.963	184	201876	90.37	ng		87
55) Dibenzofuran	10.110	168	927456	40.56	ng		96
56) 4-Nitrophenol	10.022	139	324412	86.24	ng	#	75
57) 2,4-Dinitrotoluene	10.092	165	248246	43.41	ng		95
58) Fluorene	10.451	166	750119	41.68	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	187287	41.95	ng	#	85
60) Diethylphthalate	10.328	149	772223	42.26	ng		99
61) 4-Chlorophenyl-phenyle...	10.445	204	353741	41.29	ng		98
62) 4-Nitroaniline	10.475	138	198335	41.74	ng		95
63) Azobenzene	10.604	77	849695	40.36	ng		96
65) 4,6-Dinitro-2-methylph...	10.498	198	136846	43.49	ng		79
66) n-Nitrosodiphenylamine	10.563	169	655272	40.54	ng		99
67) 4-Bromophenyl-phenylether	10.933	248	214269	42.04	ng		92
68) Hexachlorobenzene	11.004	284	225069	41.93	ng		94
69) Atrazine	11.092	200	188299	36.86	ng		97
70) Pentachlorophenol	11.198	266	286692	84.58	ng		100
71) Phenanthrene	11.416	178	1151983	41.67	ng		99
72) Anthracene	11.469	178	1178928	42.74	ng		99
73) Carbazole	11.622	167	1058069	40.73	ng		99
74) Di-n-butylphthalate	11.957	149	1205696	41.52	ng		99
75) Fluoranthene	12.610	202	1240363	42.33	ng		99
77) Benzidine	12.727	184	552015	43.80	ng		99
78) Pyrene	12.839	202	1274487	41.83	ng		99
80) Butylbenzylphthalate	13.457	149	537611	41.75	ng		88
81) Benzo(a)anthracene	14.033	228	1092730	41.21	ng		98
82) 3,3'-Dichlorobenzidine	13.992	252	282450	32.04	ng	#	97
83) Chrysene	14.074	228	1068923	41.04	ng		99
84) Bis(2-ethylhexyl)phtha...	14.021	149	726119	40.96	ng		100
85) Di-n-octyl phthalate	14.639	149	1262217	41.67	ng		98
87) Indeno(1,2,3-cd)pyrene	16.998	276	959576	38.94	ng		97
88) Benzo(b)fluoranthene	15.086	252	1105648	44.15	ng		98
89) Benzo(k)fluoranthene	15.121	252	969826	42.71	ng		99
90) Benzo(a)pyrene	15.457	252	923742	41.37	ng		98
91) Dibenzo(a,h)anthracene	17.015	278	809515	38.29	ng		98
92) Benzo(g,h,i)perylene	17.451	276	768786	39.48	ng		98

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

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