Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020521\
Data File : BF123135.D
Acq On : 5 Feb 2021 15:00
Operator : JU/CG
Sample : M1315-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

Manual Integrations APPROVED
mohammad
2/8/2021 12:18:19 PM

Quant Time: Feb 05 15:24:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:29:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	188271	20.00	ng	0.00
21) Naphthalene-d8	8.180	136	745696	20.00	ng	0.00
39) Acenaphthene-d10	9.945	164	414633	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	802754	20.00	ng	0.00
76) Chrysene-d12	14.092	240	737730	20.00	ng	0.00
86) Perylene-d12	15.580	264	727176	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1105627	90.59	ng	0.01
7) Phenol-d6	6.522	99	1413655	85.45	ng	0.00
23) Nitrobenzene-d5	7.457	82	897223	60.55	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	444168	98.68	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1653430	59.28	ng	0.00
79) Terphenyl-d14	13.027	244	2010946	53.56	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.704	88	197307	32.49	ng	95
3) Pyridine	3.469	79	566385	34.88	ng	96
4) n-Nitrosodimethylamine	3.416	42	258109	37.77	ng	95
6) Aniline	6.557	93	495231	24.32	ng	99
8) 2-Chlorophenol	6.681	128	591837	44.73	ng	100
9) Benzaldehyde	6.439	77	276009	36.49	ng	96
10) Phenol	6.539	94	774979	47.23	ng	88
11) bis(2-Chloroethyl)ether	6.628	93	557978	40.87	ng	98
12) 1,3-Dichlorobenzene	6.839	146	615700	39.91	ng	99
13) 1,4-Dichlorobenzene	6.910	146	625548	38.93	ng	97
14) 1,2-Dichlorobenzene	7.063	146	598444	39.81	ng	97
15) Benzyl Alcohol	7.034	79	452265	38.99	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	756491	35.93	ng	97
17) 2-Methylphenol	7.145	107	531594	47.22	ng	98
18) Hexachloroethane	7.410	117	224777	39.94	ng	97
19) n-Nitroso-di-n-propyla...	7.310	70	394817	39.69	ng	98
20) 3+4-Methylphenols	7.298	107	577694	43.57	ng	98
22) Acetophenone	7.304	105	756781	38.95	ng	98
24) Nitrobenzene	7.475	77	622099	40.75	ng	96
25) Isophorone	7.716	82	1114262	41.06	ng	99
26) 2-Nitrophenol	7.792	139	299331	47.42	ng	99
27) 2,4-Dimethylphenol	7.828	122	512778	45.01	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	701009	37.86	ng	99
29) 2,4-Dichlorophenol	8.033	162	506971	42.56	ng	97
30) 1,2,4-Trichlorobenzene	8.122	180	537261	40.03	ng	99
31) Naphthalene	8.204	128	1643270	40.17	ng	99
32) Benzoic acid	7.910	122	85542m	13.28	ng	
33) 4-Chloroaniline	8.245	127	312700	17.23	ng	97
34) Hexachlorobutadiene	8.322	225	309542	39.93	ng	99
35) Caprolactam	8.627	113	174307m	43.30	ng	
36) 4-Chloro-3-methylphenol	8.733	107	564361	45.56	ng	96
37) 2-Methylnaphthalene	8.898	142	1123294	41.37	ng	98
38) 1-Methylnaphthalene	8.998	142	1053100	40.96	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	518683	40.21	ng	99
41) Hexachlorocyclopentadiene	9.051	237	592418	96.75	ng	97
43) 2,4,6-Trichlorophenol	9.175	196	366866	41.49	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	400705	43.33	ng		98
46) 1,1'-Biphenyl	9.363	154	1363574	40.09	ng		99
47) 2-Chloronaphthalene	9.386	162	1104862	38.81	ng		100
48) 2-Nitroaniline	9.480	65	366618	42.49	ng		90
49) Acenaphthylene	9.804	152	1708063	40.99	ng		100
50) Dimethylphthalate	9.663	163	1391840	42.79	ng		99
51) 2,6-Dinitrotoluene	9.722	165	307843	44.42	ng	#	89
52) Acenaphthene	9.974	154	1086396	40.59	ng		98
53) 3-Nitroaniline	9.892	138	234576	28.63	ng		99
54) 2,4-Dinitrophenol	9.998	184	111809	39.11	ng		93
55) Dibenzofuran	10.151	168	1551226	39.83	ng		99
56) 4-Nitrophenol	10.057	139	472751	79.81	ng		92
57) 2,4-Dinitrotoluene	10.127	165	422981	46.94	ng		99
58) Fluorene	10.492	166	1229533	39.52	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	316078	40.30	ng		98
60) Diethylphthalate	10.363	149	1326815	41.48	ng		99
61) 4-Chlorophenyl-phenyle...	10.486	204	583088	39.89	ng		95
62) 4-Nitroaniline	10.510	138	333387	40.49	ng		99
63) Azobenzene	10.645	77	1241122	39.65	ng		97
65) 4,6-Dinitro-2-methylph...	10.539	198	114934	28.23	ng		92
66) n-Nitrosodiphenylamine	10.604	169	1100216	38.02	ng		99
67) 4-Bromophenyl-phenylether	10.974	248	400834	39.21	ng		99
68) Hexachlorobenzene	11.045	284	435813	39.74	ng		99
69) Atrazine	11.133	200	327953	41.04	ng		99
70) Pentachlorophenol	11.239	266	356488	59.99	ng		100
71) Phenanthrene	11.463	178	2115494	42.43	ng		100
72) Anthracene	11.516	178	2003396	41.89	ng		100
73) Carbazole	11.668	167	1822224	41.05	ng		99
74) Di-n-butylphthalate	11.998	149	2096961	39.84	ng		100
75) Fluoranthene	12.657	202	2351401	47.19	ng		99
77) Benzidine	12.774	184	669907	40.13	ng		99
78) Pyrene	12.886	202	2314043	41.55	ng		100
80) Butylbenzylphthalate	13.504	149	964890	40.26	ng		99
81) Benzo(a)anthracene	14.080	228	2165388	43.37	ng		99
82) 3,3'-Dichlorobenzidine	14.039	252	468363	29.81	ng		97
83) Chrysene	14.121	228	2083539	41.69	ng		99
84) Bis(2-ethylhexyl)phtha...	14.068	149	1297063	40.73	ng	#	98
85) Di-n-octyl phthalate	14.686	149	2306694	43.13	ng		99
87) Indeno(1,2,3-cd)pyrene	17.098	276	2126059	43.91	ng		99
88) Benzo(b)fluoranthene	15.151	252	2345269	44.68	ng		99
89) Benzo(k)fluoranthene	15.180	252	1979246	40.58	ng		99
90) Benzo(a)pyrene	15.527	252	1968656	42.71	ng		99
91) Dibenzo(a,h)anthracene	17.121	278	1736723	43.57	ng		100
92) Benzo(g,h,i)perylene	17.562	276	1705736	44.16	ng		100

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

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