Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020521\
Data File : BF123134.D
Acq On : 5 Feb 2021 14:27
Operator : JU/CG
Sample : M1315-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Manual Integrations APPROVED
mohammad
2/8/2021 12:18:16 PM

Quant Time: Feb 05 15:17:10 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	189142	20.00	ng	0.00
21) Naphthalene-d8	8.181	136	735576	20.00	ng	0.00
39) Acenaphthene-d10	9.945	164	396776	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	756400	20.00	ng	0.00
76) Chrysene-d12	14.092	240	704090	20.00	ng	0.00
86) Perylene-d12	15.580	264	712478	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1100699	89.77	ng	0.01
7) Phenol-d6	6.522	99	1391501	83.72	ng	0.00
23) Nitrobenzene-d5	7.457	82	883292	60.43	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	405450	94.13	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1622862	60.80	ng	0.00
79) Terphenyl-d14	13.027	244	1905083	53.16	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.710	88	196602	32.23	ng	94
3) Pyridine	3.475	79	567858	34.81	ng	95
4) n-Nitrosodimethylamine	3.422	42	258654	37.68	ng	94
6) Aniline	6.557	93	484717	23.70	ng	99
8) 2-Chlorophenol	6.681	128	585602	44.06	ng	99
9) Benzaldehyde	6.440	77	274497	36.13	ng	97
10) Phenol	6.534	94	762513	46.26	ng	91
11) bis(2-Chloroethyl)ether	6.628	93	555468	40.49	ng	98
12) 1,3-Dichlorobenzene	6.840	146	614136	39.62	ng	100
13) 1,4-Dichlorobenzene	6.910	146	630722	39.07	ng	97
14) 1,2-Dichlorobenzene	7.063	146	594019	39.33	ng	98
15) Benzyl Alcohol	7.039	79	447189	38.38	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	756268	35.75	ng	97
17) 2-Methylphenol	7.145	107	517731	45.78	ng	98
18) Hexachloroethane	7.410	117	226271	40.02	ng	96
19) n-Nitroso-di-n-propyla...	7.310	70	388127	38.83	ng	99
20) 3+4-Methylphenols	7.298	107	573689	43.07	ng	98
22) Acetophenone	7.304	105	751505	39.21	ng	99
24) Nitrobenzene	7.475	77	617370	41.00	ng	96
25) Isophorone	7.716	82	1096148	40.94	ng	99
26) 2-Nitrophenol	7.792	139	285360	45.82	ng	99
27) 2,4-Dimethylphenol	7.828	122	497488	44.27	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	687414	37.63	ng	99
29) 2,4-Dichlorophenol	8.034	162	499148	42.48	ng	97
30) 1,2,4-Trichlorobenzene	8.122	180	529852	40.03	ng	99
31) Naphthalene	8.204	128	1618321	40.11	ng	100
32) Benzoic acid	7.904	122	78419m	12.69	ng	
33) 4-Chloroaniline	8.245	127	297476	16.61	ng	98
34) Hexachlorobutadiene	8.322	225	309513	40.48	ng	98
35) Caprolactam	8.628	113	166930	42.03	ng	97
36) 4-Chloro-3-methylphenol	8.733	107	544002	44.52	ng	97
37) 2-Methylnaphthalene	8.898	142	1108528	41.38	ng	99
38) 1-Methylnaphthalene	8.998	142	1034839	40.80	ng	98
40) 1,2,4,5-Tetrachloroben...	9.063	216	512896	41.55	ng	99
41) Hexachlorocyclopentadiene	9.051	237	588488	100.44	ng	98
43) 2,4,6-Trichlorophenol	9.175	196	345955	40.88	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	380991	43.06	ng		97
46) 1,1'-Biphenyl	9.363	154	1335643	41.04	ng		99
47) 2-Chloronaphthalene	9.386	162	1075163	39.46	ng		99
48) 2-Nitroaniline	9.480	65	351079	42.52	ng		91
49) Acenaphthylene	9.804	152	1662289	41.69	ng		99
50) Dimethylphthalate	9.663	163	1344272	43.18	ng		100
51) 2,6-Dinitrotoluene	9.722	165	298926	45.08	ng		92
52) Acenaphthene	9.975	154	1052719	41.10	ng		99
53) 3-Nitroaniline	9.892	138	233015	29.72	ng		98
54) 2,4-Dinitrophenol	9.992	184	94899	35.46	ng		94
55) Dibenzofuran	10.151	168	1506956	40.43	ng		98
56) 4-Nitrophenol	10.051	139	435495	76.83	ng		85
57) 2,4-Dinitrotoluene	10.128	165	404476	46.90	ng		95
58) Fluorene	10.492	166	1177872	39.56	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	290034	38.65	ng		97
60) Diethylphthalate	10.363	149	1279748	41.81	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	563960	40.31	ng		97
62) 4-Nitroaniline	10.510	138	317843	40.34	ng		96
63) Azobenzene	10.645	77	1195235	39.90	ng		97
65) 4,6-Dinitro-2-methylph...	10.533	198	94717	25.31	ng		89
66) n-Nitrosodiphenylamine	10.604	169	1060989	38.92	ng		99
67) 4-Bromophenyl-phenylether	10.975	248	377983	39.24	ng		97
68) Hexachlorobenzene	11.045	284	420222	40.67	ng		100
69) Atrazine	11.133	200	313591	41.65	ng		99
70) Pentachlorophenol	11.239	266	319939	57.13	ng		100
71) Phenanthrene	11.463	178	2029148	43.19	ng		100
72) Anthracene	11.510	178	1909826	42.38	ng		100
73) Carbazole	11.663	167	1749219	41.82	ng		99
74) Di-n-butylphthalate	11.998	149	1982739	39.98	ng		100
75) Fluoranthene	12.657	202	2219664	47.27	ng		99
77) Benzidine	12.774	184	615274	38.62	ng		99
78) Pyrene	12.886	202	2199788	41.39	ng		99
80) Butylbenzylphthalate	13.504	149	905172	39.58	ng		100
81) Benzo(a)anthracene	14.080	228	2063384	43.30	ng		99
82) 3,3'-Dichlorobenzidine	14.039	252	435495	29.04	ng		98
83) Chrysene	14.121	228	2013376	42.22	ng		98
84) Bis(2-ethylhexyl)phtha...	14.068	149	1214339	39.96	ng	#	97
85) Di-n-octyl phthalate	14.686	149	2158101	42.28	ng		100
87) Indeno(1,2,3-cd)pyrene	17.098	276	2091308	44.08	ng		99
88) Benzo(b)fluoranthene	15.145	252	2285347	44.44	ng		99
89) Benzo(k)fluoranthene	15.180	252	1862063	38.97	ng		98
90) Benzo(a)pyrene	15.521	252	1924751	42.62	ng		100
91) Dibenzo(a,h)anthracene	17.121	278	1715213	43.92	ng		98
92) Benzo(g,h,i)perylene	17.562	276	1669739	44.12	ng		99

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

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