Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021521\
Data File : BF123206.D
Acq On : 15 Feb 2021 15:51
Operator : JU/CG
Sample : M1402-03MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-RBR-200058MS

Manual Integrations APPROVED
mohammad
2/16/2021 10:44:41 AM

Quant Time: Feb 15 16:57:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 12 16:59:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	157063	20.00	ng		0.00
21) Naphthalene-d8	8.157	136	629441	20.00	ng		0.00
39) Acenaphthene-d10	9.916	164	312751	20.00	ng		0.00
64) Phenanthrene-d10	11.404	188	594176	20.00	ng		0.00
76) Chrysene-d12	14.057	240	485772	20.00	ng		0.00
86) Perylene-d12	15.533	264	435412	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	1057950	102.10	ng		0.01
7) Phenol-d6	6.498	99	1313959	96.02	ng		0.00
23) Nitrobenzene-d5	7.434	82	828875	69.19	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	348635	103.22	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	1240599	59.28	ng		0.00
79) Terphenyl-d14	12.992	244	1273887	52.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	162603	33.68	ng		97
3) Pyridine	3.422	79	457551	36.67	ng		98
4) n-Nitrosodimethylamine	3.375	42	217738	40.49	ng		96
6) Aniline	6.534	93	477931	29.35	ng		99
8) 2-Chlorophenol	6.651	128	494786	42.59	ng		98
9) Benzaldehyde	6.416	77	187357	23.33	ng		97
10) Phenol	6.510	94	655493	43.63	ng		94
11) bis(2-Chloroethyl)ether	6.604	93	462477	44.33	ng		98
12) 1,3-Dichlorobenzene	6.810	146	510069m	42.22	ng		
13) 1,4-Dichlorobenzene	6.887	146	512278	41.72	ng		97
14) 1,2-Dichlorobenzene	7.040	146	494165	43.18	ng		97
15) Benzyl Alcohol	7.010	79	417346	42.03	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	592624	44.00	ng		98
17) 2-Methylphenol	7.122	107	395697	42.43	ng		98
18) Hexachloroethane	7.387	117	195920	44.82	ng		93
19) n-Nitroso-di-n-propyla...	7.287	70	331906	42.32	ng		99
20) 3+4-Methylphenols	7.275	107	489133	41.30	ng		98
22) Acetophenone	7.281	105	653634	42.38	ng		98
24) Nitrobenzene	7.451	77	513869	40.47	ng		98
25) Isophorone	7.692	82	925946	41.62	ng		99
26) 2-Nitrophenol	7.769	139	263247	43.06	ng		97
27) 2,4-Dimethylphenol	7.804	122	416978	44.75	ng		98
28) bis(2-Chloroethoxy)met...	7.898	93	575982	47.72	ng		99
29) 2,4-Dichlorophenol	8.010	162	386003	41.97	ng		95
30) 1,2,4-Trichlorobenzene	8.092	180	420569	42.59	ng		98
31) Naphthalene	8.175	128	1394163	41.14	ng		99
32) Benzoic acid	7.928	122	335783	46.24	ng		97
33) 4-Chloroaniline	8.222	127	252326	17.99	ng		99
34) Hexachlorobutadiene	8.292	225	227520	41.96	ng		99
35) Caprolactam	8.592	113	137436m	42.64	ng		
36) 4-Chloro-3-methylphenol	8.704	107	463499	43.16	ng		95
37) 2-Methylnaphthalene	8.869	142	948693	42.31	ng		99
38) 1-Methylnaphthalene	8.969	142	887482	42.12	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	377725	43.60	ng	#	97
41) Hexachlorocyclopentadiene	9.028	237	439642	110.94	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	279417	42.81	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	297775	41.93	ng		95
46) 1,1'-Biphenyl	9.333	154	1106362	43.82	ng		99
47) 2-Chloronaphthalene	9.357	162	845784	41.89	ng		96
48) 2-Nitroaniline	9.451	65	284482	42.03	ng		88
49) Acenaphthylene	9.781	152	1364661	42.00	ng		100
50) Dimethylphthalate	9.639	163	1102753	48.65	ng		99
51) 2,6-Dinitrotoluene	9.698	165	234865	43.07	ng		96
52) Acenaphthene	9.951	154	985185	46.62	ng		98
53) 3-Nitroaniline	9.863	138	163439	25.22	ng		92
54) 2,4-Dinitrophenol	9.975	184	256667	88.78	ng		94
55) Dibenzofuran	10.122	168	1192765	41.73	ng		96
56) 4-Nitrophenol	10.028	139	441332	82.85	ng		84
57) 2,4-Dinitrotoluene	10.104	165	321516	43.66	ng		98
58) Fluorene	10.463	166	943365	42.54	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	247951m	44.12	ng		
60) Diethylphthalate	10.339	149	1061569	46.15	ng		99
61) 4-Chlorophenyl-phenyle...	10.457	204	436525	44.19	ng		94
62) 4-Nitroaniline	10.480	138	260356	39.84	ng		98
63) Azobenzene	10.616	77	1015253	42.20	ng		98
65) 4,6-Dinitro-2-methylph...	10.510	198	168768	44.09	ng		84
66) n-Nitrosodiphenylamine	10.575	169	846657	42.17	ng		99
67) 4-Bromophenyl-phenylether	10.945	248	275558	43.66	ng		91
68) Hexachlorobenzene	11.016	284	304961	44.15	ng		94
69) Atrazine	11.104	200	226780	37.88	ng		99
70) Pentachlorophenol	11.210	266	371352	86.26	ng		98
71) Phenanthrene	11.433	178	1461120	41.74	ng		99
72) Anthracene	11.480	178	1506779	43.07	ng		100
73) Carbazole	11.633	167	1331867	39.95	ng		99
74) Di-n-butylphthalate	11.969	149	1690693	47.16	ng		99
75) Fluoranthene	12.621	202	1539680	43.78	ng		99
77) Benzidine	12.739	184	522842	30.38	ng		100
78) Pyrene	12.851	202	1551446	43.20	ng		99
80) Butylbenzylphthalate	13.469	149	762481	48.01	ng		94
81) Benzo(a)anthracene	14.045	228	1375873	42.05	ng		98
82) 3,3'-Dichlorobenzidine	14.004	252	337230	29.74	ng	#	98
83) Chrysene	14.086	228	1360253	42.18	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	1046751	50.78	ng		99
85) Di-n-octyl phthalate	14.651	149	1778062	50.15	ng		100
87) Indeno(1,2,3-cd)pyrene	17.021	276	1213867	40.58	ng	#	95
88) Benzo(b)fluoranthene	15.104	252	1336616	43.69	ng		98
89) Benzo(k)fluoranthene	15.133	252	1260851	44.86	ng		98
90) Benzo(a)pyrene	15.474	252	1139062	41.65	ng		99
91) Dibenzo(a,h)anthracene	17.039	278	1007914	39.73	ng	#	96
92) Benzo(g,h,i)perylene	17.474	276	978534	39.64	ng	#	95

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

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