Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042021\
Data File : BF123648.D
Acq On : 20 Apr 2021 18:00
Operator : JU/CG
Sample : M2070-02MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JGD-3150-D3550-AMS

Manual Integrations APPROVED
mohammad
4/21/2021 11:25:22 AM

Quant Time: Apr 21 01:44:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 15:49:40 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	255217	20.00	ng		0.00
21) Naphthalene-d8	8.139	136	991244	20.00	ng		0.00
39) Acenaphthene-d10	9.898	164	496467	20.00	ng		0.00
64) Phenanthrene-d10	11.386	188	924194	20.00	ng		0.00
76) Chrysene-d12	14.033	240	558618	20.00	ng		0.00
86) Perylene-d12	15.509	264	532240	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	1927631	122.07	ng		0.02
7) Phenol-d6	6.492	99	2345605	107.20	ng		0.00
23) Nitrobenzene-d5	7.416	82	1983905	92.01	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	805362	143.25	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	2993512	89.88	ng		0.00
79) Terphenyl-d14	12.974	244	3020241	105.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.763	88	350730	42.51	ng	#	77
3) Pyridine	3.475	79	624650	30.97	ng		91
4) n-Nitrosodimethylamine	3.410	42	567086	47.44	ng		96
6) Aniline	6.516	93	244146	9.48	ng	#	46
8) 2-Chlorophenol	6.639	128	844904	49.81	ng		95
9) Benzaldehyde	6.398	77	176939	12.39	ng		97
10) Phenol	6.510	94	992475	42.71	ng		97
11) bis(2-Chloroethyl)ether	6.592	93	882478	51.07	ng		97
12) 1,3-Dichlorobenzene	6.792	146	800796	45.93	ng		99
13) 1,4-Dichlorobenzene	6.869	146	804626	45.47	ng		99
14) 1,2-Dichlorobenzene	7.022	146	786945	47.33	ng		98
15) Benzyl Alcohol	6.998	79	886881	51.37	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.128	45	1889585	48.44	ng		96
17) 2-Methylphenol	7.110	107	740001	50.78	ng		99
18) Hexachloroethane	7.369	117	334587	47.43	ng		97
19) n-Nitroso-di-n-propyla...	7.269	70	675369	46.59	ng		100
20) 3+4-Methylphenols	7.263	107	852438	45.84	ng	#	79
22) Acetophenone	7.263	105	1295382	47.12	ng	#	92
24) Nitrobenzene	7.434	77	1067501	47.02	ng		95
25) Isophorone	7.675	82	1962680	46.92	ng		99
26) 2-Nitrophenol	7.751	139	449091	57.89	ng		99
27) 2,4-Dimethylphenol	7.792	122	773844	54.05	ng		96
28) bis(2-Chloroethoxy)met...	7.886	93	1127970	53.73	ng		99
29) 2,4-Dichlorophenol	7.998	162	678608	48.68	ng		99
30) 1,2,4-Trichlorobenzene	8.081	180	702231	46.88	ng		98
31) Naphthalene	8.163	128	2367826	46.37	ng		100
32) Benzoic acid	7.922	122	573377	59.04	ng		93
33) 4-Chloroaniline	8.204	127	125503	5.99	ng		93
34) Hexachlorobutadiene	8.281	225	414885	44.14	ng		97
35) Caprolactam	8.580	113	215076m	44.19	ng		
36) 4-Chloro-3-methylphenol	8.698	107	884977	48.95	ng		95
37) 2-Methylnaphthalene	8.851	142	1607167	48.00	ng		98
38) 1-Methylnaphthalene	8.951	142	1467890	46.34	ng		100
40) 1,2,4,5-Tetrachloroben...	9.022	216	684193	49.93	ng		99
41) Hexachlorocyclopentadiene	9.010	237	756003	106.17	ng		99
43) 2,4,6-Trichlorophenol	9.133	196	498418	53.61	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	539706	53.10	ng		98
46) 1,1'-Biphenyl	9.322	154	1943780	50.03	ng		98
47) 2-Chloronaphthalene	9.345	162	1432926	49.01	ng		98
48) 2-Nitroaniline	9.439	65	661586	54.31	ng		96
49) Acenaphthylene	9.763	152	2447624	51.17	ng		99
50) Dimethylphthalate	9.622	163	1770810	51.63	ng		100
51) 2,6-Dinitrotoluene	9.680	165	387432	51.46	ng		99
52) Acenaphthene	9.933	154	1704043m	55.53	ng		
53) 3-Nitroaniline	9.845	138	199720	22.87	ng		98
54) 2,4-Dinitrophenol	9.957	184	401078	121.28	ng		94
55) Dibenzofuran	10.104	168	2066578	46.94	ng		99
56) 4-Nitrophenol	10.027	139	626423	93.60	ng		95
57) 2,4-Dinitrotoluene	10.086	165	532926	53.00	ng	#	87
58) Fluorene	10.451	166	1639236	47.37	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	428383	52.92	ng		99
60) Diethylphthalate	10.322	149	1862055	49.59	ng		99
61) 4-Chlorophenyl-phenyle...	10.439	204	762840	47.76	ng		98
62) 4-Nitroaniline	10.469	138	413458	46.87	ng		95
63) Azobenzene	10.598	77	1996954	46.95	ng		97
65) 4,6-Dinitro-2-methylph...	10.492	198	255381	52.96	ng		97
66) n-Nitrosodiphenylamine	10.563	169	1460994	49.38	ng		100
67) 4-Bromophenyl-phenylether	10.927	248	489615	50.67	ng		94
68) Hexachlorobenzene	10.998	284	541958	49.77	ng		98
69) Atrazine	11.092	200	450678	48.88	ng		100
70) Pentachlorophenol	11.192	266	608177	106.90	ng		100
71) Phenanthrene	11.410	178	2339889	48.51	ng		100
72) Anthracene	11.463	178	2383812	49.45	ng		100
73) Carbazole	11.616	167	2244152	46.64	ng		97
74) Di-n-butylphthalate	11.951	149	2851603	48.97	ng		99
75) Fluoranthene	12.604	202	2361408	44.55	ng		99
78) Pyrene	12.833	202	2375451	58.27	ng		99
80) Butylbenzylphthalate	13.451	149	1108224	57.85	ng		99
81) Benzo(a)anthracene	14.021	228	1649152	48.17	ng		99
82) 3,3'-Dichlorobenzidine	13.986	252	296175	27.08	ng		100
83) Chrysene	14.062	228	1652285	48.06	ng		99
84) Bis(2-ethylhexyl)phtha...	14.015	149	1398043	54.88	ng		99
85) Di-n-octyl phthalate	14.627	149	2247961	54.83	ng		99
87) Indeno(1,2,3-cd)pyrene	16.998	276	1983274	69.84	ng		98
88) Benzo(b)fluoranthene	15.080	252	1611866	42.89	ng		99
89) Benzo(k)fluoranthene	15.109	252	1522622	45.25	ng		99
90) Benzo(a)pyrene	15.451	252	1440753	48.20	ng		97
91) Dibenzo(a,h)anthracene	17.015	278	1611982	67.11	ng		99
92) Benzo(g,h,i)perylene	17.451	276	1664809	64.48	ng		99

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

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