Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021521\
Data File : BF123207.D
Acq On : 15 Feb 2021 16:24
Operator : JU/CG
Sample : M1402-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-RBR-200058MSD

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

Quant Time: Feb 15 16:58:22 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	157499	20.00	ng		0.00
21) Naphthalene-d8	8.157	136	635433	20.00	ng		0.00
39) Acenaphthene-d10	9.916	164	316579	20.00	ng		0.00
64) Phenanthrene-d10	11.404	188	603655	20.00	ng		0.00
76) Chrysene-d12	14.057	240	487220	20.00	ng		0.00
86) Perylene-d12	15.527	264	408756	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	1078779	103.82	ng		0.01
7) Phenol-d6	6.498	99	1324874	96.55	ng		0.00
23) Nitrobenzene-d5	7.434	82	834970	69.05	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	362467	106.02	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	1261778	59.56	ng		0.00
79) Terphenyl-d14	12.992	244	1292413	53.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	166743	34.44	ng		98
3) Pyridine	3.428	79	463330	37.03	ng		96
4) n-Nitrosodimethylamine	3.381	42	222003	41.17	ng		94
6) Aniline	6.534	93	472989	28.97	ng		100
8) 2-Chlorophenol	6.657	128	500927	43.00	ng		97
9) Benzaldehyde	6.416	77	186779	23.19	ng		99
10) Phenol	6.510	94	663571	44.05	ng		93
11) bis(2-Chloroethyl)ether	6.604	93	460106	43.98	ng		100
12) 1,3-Dichlorobenzene	6.810	146	515246	42.53	ng		97
13) 1,4-Dichlorobenzene	6.887	146	521802	42.38	ng		96
14) 1,2-Dichlorobenzene	7.040	146	499431	43.52	ng		97
15) Benzyl Alcohol	7.010	79	414437	41.63	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.145	45	587573	43.50	ng		99
17) 2-Methylphenol	7.122	107	399116	42.68	ng		98
18) Hexachloroethane	7.387	117	191258	43.63	ng		97
19) n-Nitroso-di-n-propyla...	7.287	70	334634	42.54	ng		99
20) 3+4-Methylphenols	7.275	107	494445	41.64	ng		97
22) Acetophenone	7.281	105	663115	42.59	ng		99
24) Nitrobenzene	7.451	77	514269	40.12	ng		99
25) Isophorone	7.692	82	927539	41.30	ng		99
26) 2-Nitrophenol	7.769	139	269310	43.64	ng		97
27) 2,4-Dimethylphenol	7.804	122	438398	46.60	ng		98
28) bis(2-Chloroethoxy)met...	7.898	93	575926	47.26	ng		99
29) 2,4-Dichlorophenol	8.010	162	388625	41.85	ng		95
30) 1,2,4-Trichlorobenzene	8.098	180	430495	43.19	ng		98
31) Naphthalene	8.175	128	1394579	40.77	ng		99
32) Benzoic acid	7.934	122	330684	45.11	ng		99
33) 4-Chloroaniline	8.222	127	248605	17.56	ng		99
34) Hexachlorobutadiene	8.292	225	234970	42.93	ng		99
35) Caprolactam	8.592	113	138510m	42.56	ng		
36) 4-Chloro-3-methylphenol	8.704	107	471766	43.52	ng		94
37) 2-Methylnaphthalene	8.869	142	963907	42.58	ng		100
38) 1-Methylnaphthalene	8.969	142	900033	42.31	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	387633	44.21	ng	#	97
41) Hexachlorocyclopentadiene	9.028	237	438450	109.30	ng		98
43) 2,4,6-Trichlorophenol	9.145	196	284845	43.11	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	304184	42.32	ng		95
46) 1,1'-Biphenyl	9.334	154	1118998	43.78	ng		99
47) 2-Chloronaphthalene	9.357	162	859503	42.05	ng		96
48) 2-Nitroaniline	9.451	65	286731	41.85	ng		87
49) Acenaphthylene	9.781	152	1382372	42.04	ng		100
50) Dimethylphthalate	9.639	163	1108716	48.32	ng		100
51) 2,6-Dinitrotoluene	9.698	165	234276	42.45	ng		93
52) Acenaphthene	9.951	154	996290	46.58	ng		98
53) 3-Nitroaniline	9.863	138	156846	23.91	ng		90
54) 2,4-Dinitrophenol	9.975	184	265197	90.62	ng		96
55) Dibenzofuran	10.122	168	1193685	41.26	ng		95
56) 4-Nitrophenol	10.028	139	446536	82.81	ng		84
57) 2,4-Dinitrotoluene	10.104	165	329020	44.14	ng		98
58) Fluorene	10.469	166	949707	42.31	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	253106m	44.49	ng		
60) Diethylphthalate	10.339	149	1077419	46.28	ng		98
61) 4-Chlorophenyl-phenyle...	10.457	204	448478	44.85	ng		95
62) 4-Nitroaniline	10.486	138	257725	38.96	ng		96
63) Azobenzene	10.616	77	1017248	41.77	ng		98
65) 4,6-Dinitro-2-methylph...	10.510	198	174037	44.75	ng		83
66) n-Nitrosodiphenylamine	10.575	169	864383	42.37	ng		100
67) 4-Bromophenyl-phenylether	10.945	248	289211	45.10	ng	#	91
68) Hexachlorobenzene	11.016	284	312094	44.47	ng	#	93
69) Atrazine	11.104	200	235168	38.67	ng		98
70) Pentachlorophenol	11.210	266	388816	88.90	ng		100
71) Phenanthrene	11.433	178	1473353	41.42	ng		99
72) Anthracene	11.480	178	1532687	43.12	ng		100
73) Carbazole	11.633	167	1345469	39.72	ng		99
74) Di-n-butylphthalate	11.969	149	1715966	47.11	ng		99
75) Fluoranthene	12.622	202	1560351	43.67	ng		99
77) Benzidine	12.739	184	532348	30.84	ng		99
78) Pyrene	12.851	202	1568519	43.54	ng		99
80) Butylbenzylphthalate	13.469	149	747041	46.90	ng		94
81) Benzo(a)anthracene	14.045	228	1373263	41.84	ng		98
82) 3,3'-Dichlorobenzidine	14.004	252	330801	29.09	ng	#	96
83) Chrysene	14.086	228	1338145	41.37	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	1044183	50.51	ng		99
85) Di-n-octyl phthalate	14.651	149	1742045	48.99	ng		99
87) Indeno(1,2,3-cd)pyrene	17.021	276	1148661	40.91	ng		96
88) Benzo(b)fluoranthene	15.104	252	1281999	44.64	ng		98
89) Benzo(k)fluoranthene	15.133	252	1199712	45.46	ng		99
90) Benzo(a)pyrene	15.468	252	1090649	42.48	ng	#	98
91) Dibenzo(a,h)anthracene	17.039	278	955483	40.12	ng		96
92) Benzo(g,h,i)perylene	17.474	276	926261	39.97	ng		95

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

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