Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
Data File : BF123662.D
Acq On : 21 Apr 2021 12:17
Operator : JU/CG
Sample : PB135774BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB135774BS

Manual Integrations APPROVED
mohammad
4/22/2021 12:10:17 PM

Quant Time: Apr 21 16:10:22 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	312438	20.00	ng		0.00
21) Naphthalene-d8	8.140	136	1234847	20.00	ng		# 0.00
39) Acenaphthene-d10	9.898	164	655659	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	1239458	20.00	ng		0.00
76) Chrysene-d12	14.039	240	822474	20.00	ng		0.00
86) Perylene-d12	15.515	264	588544	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	2246327	116.20	ng		0.02
7) Phenol-d6	6.498	99	2971322	110.92	ng		0.00
23) Nitrobenzene-d5	7.422	82	2199586	81.89	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	974721	131.28	ng		0.01
45) 2-Fluorobiphenyl	9.222	172	3403923	77.39	ng		0.00
79) Terphenyl-d14	12.980	244	3825460	90.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	346960	34.35	ng		97
3) Pyridine	3.434	79	991242	40.14	ng		93
4) n-Nitrosodimethylamine	3.393	42	618275	42.25	ng		94
6) Aniline	6.516	93	1117555	35.44	ng	#	78
8) 2-Chlorophenol	6.640	128	961648	46.31	ng		97
9) Benzaldehyde	6.398	77	491233	28.09	ng		99
10) Phenol	6.510	94	1213698	42.66	ng		78
11) bis(2-Chloroethyl)ether	6.593	93	977500	46.21	ng		95
12) 1,3-Dichlorobenzene	6.793	146	929583	43.55	ng		98
13) 1,4-Dichlorobenzene	6.869	146	932876	43.07	ng		98
14) 1,2-Dichlorobenzene	7.022	146	901072	44.27	ng		98
15) Benzyl Alcohol	6.998	79	971238	45.95	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	2102300	44.03	ng		97
17) 2-Methylphenol	7.116	107	847988	47.53	ng		94
18) Hexachloroethane	7.369	117	393722	45.59	ng		98
19) n-Nitroso-di-n-propyla...	7.275	70	773954	43.62	ng		98
20) 3+4-Methylphenols	7.269	107	981761	43.12	ng		94
22) Acetophenone	7.263	105	1438375	42.00	ng		93
24) Nitrobenzene	7.440	77	1173478	41.49	ng		96
25) Isophorone	7.681	82	2244533	43.07	ng		99
26) 2-Nitrophenol	7.757	139	512967	53.07	ng		90
27) 2,4-Dimethylphenol	7.798	122	875092	49.07	ng		95
28) bis(2-Chloroethoxy)met...	7.887	93	1293992	49.48	ng		98
29) 2,4-Dichlorophenol	8.004	162	776751	44.73	ng		96
30) 1,2,4-Trichlorobenzene	8.081	180	804151	43.09	ng		97
31) Naphthalene	8.163	128	2661614	41.85	ng		99
32) Benzoic acid	7.940	122	593545	49.83	ng		97
33) 4-Chloroaniline	8.210	127	608403	23.29	ng		94
34) Hexachlorobutadiene	8.281	225	487050	41.60	ng		98
35) Caprolactam	8.592	113	304767m	50.27	ng		
36) 4-Chloro-3-methylphenol	8.704	107	1025283	45.52	ng		95
37) 2-Methylnaphthalene	8.857	142	1804336	43.26	ng		97
38) 1-Methylnaphthalene	8.957	142	1657597	42.00	ng		99
40) 1,2,4,5-Tetrachloroben...	9.022	216	763912	42.21	ng		99
41) Hexachlorocyclopentadiene	9.010	237	909681	96.74	ng		98
43) 2,4,6-Trichlorophenol	9.134	196	570971	46.50	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	617597	46.01	ng		99
46) 1,1'-Biphenyl	9.322	154	2192492	42.73	ng		99
47) 2-Chloronaphthalene	9.345	162	1611210	41.72	ng		96
48) 2-Nitroaniline	9.439	65	766062	47.61	ng		93
49) Acenaphthylene	9.763	152	2792269	44.20	ng		98
50) Dimethylphthalate	9.628	163	2064066	45.57	ng		99
51) 2,6-Dinitrotoluene	9.686	165	453811	45.64	ng		99
52) Acenaphthene	9.939	154	1649339	40.69	ng		99
53) 3-Nitroaniline	9.857	138	378831	32.84	ng		92
54) 2,4-Dinitrophenol	9.969	184	560380	128.30	ng		90
55) Dibenzofuran	10.110	168	2358631	40.57	ng		100
56) 4-Nitrophenol	10.034	139	792867	89.71	ng		91
57) 2,4-Dinitrotoluene	10.092	165	623627	46.96	ng	#	84
58) Fluorene	10.451	166	1882327	41.19	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	506122	47.35	ng		98
60) Diethylphthalate	10.328	149	2233076	45.03	ng		99
61) 4-Chlorophenyl-phenyle...	10.439	204	897344	42.54	ng		95
62) 4-Nitroaniline	10.481	138	521779	44.79	ng		100
63) Azobenzene	10.604	77	2366472	42.13	ng		98
65) 4,6-Dinitro-2-methylph...	10.504	198	337139	52.13	ng		92
66) n-Nitrosodiphenylamine	10.563	169	1737092	43.78	ng		99
67) 4-Bromophenyl-phenylether	10.933	248	581510	44.88	ng		97
68) Hexachlorobenzene	11.004	284	661676	45.31	ng		94
69) Atrazine	11.098	200	600465	48.56	ng		98
70) Pentachlorophenol	11.198	266	747007	97.90	ng		97
71) Phenanthrene	11.416	178	2742531	42.40	ng		98
72) Anthracene	11.469	178	2819649	43.61	ng		99
73) Carbazole	11.622	167	2688115	41.66	ng		97
74) Di-n-butylphthalate	11.951	149	3520907	45.08	ng		99
75) Fluoranthene	12.610	202	2929336	41.21	ng		98
77) Benzidine	12.727	184	1141053	51.04	ng		99
78) Pyrene	12.839	202	2963080	49.36	ng		99
80) Butylbenzylphthalate	13.457	149	1438367	51.00	ng		97
81) Benzo(a)anthracene	14.027	228	2236760	44.38	ng		100
82) 3,3'-Dichlorobenzidine	13.992	252	572005	35.53	ng		97
83) Chrysene	14.069	228	2193187	43.33	ng		100
84) Bis(2-ethylhexyl)phtha...	14.021	149	1911393	50.96	ng		99
85) Di-n-octyl phthalate	14.633	149	3032291	50.23	ng		99
87) Indeno(1,2,3-cd)pyrene	17.004	276	1583896	50.44	ng		98
88) Benzo(b)fluoranthene	15.086	252	2001521	48.17	ng		98
89) Benzo(k)fluoranthene	15.121	252	1623926	43.58	ng		98
90) Benzo(a)pyrene	15.457	252	1512487	45.76	ng		99
91) Dibenzo(a,h)anthracene	17.027	278	1321330	49.75	ng		99
92) Benzo(g,h,i)perylene	17.457	276	1316015	50.02	ng	#	95

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

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