Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041521\
Data File : BF123575.D
Acq On : 15 Apr 2021 19:19
Operator : JU/CG
Sample : PB135656BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 16 00:30:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 15 15:43:17 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB135656BSD

Manual Integrations APPROVED
mohammad
4/16/2021 11:32:00 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	263295	20.00	ng	0.00
21) Naphthalene-d8	8.157	136	1018591	20.00	ng	0.00
39) Acenaphthene-d10	9.916	164	529775	20.00	ng	0.00
64) Phenanthrene-d10	11.410	188	1050537	20.00	ng	0.00
76) Chrysene-d12	14.057	240	789117	20.00	ng	0.00
86) Perylene-d12	15.539	264	579114	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1406745	86.35	ng	0.01
7) Phenol-d6	6.498	99	1859749	82.38	ng	0.00
23) Nitrobenzene-d5	7.434	82	1869209	84.36	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	544628	90.78	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2934215	82.56	ng	0.00
79) Terphenyl-d14	13.004	244	3545007	87.31	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.705	88	287238	33.75	ng	98
3) Pyridine	3.446	79	752220	36.15	ng	97
4) n-Nitrosodimethylamine	3.404	42	512176	41.53	ng	93
6) Aniline	6.528	93	898723	33.82	ng	97
8) 2-Chlorophenol	6.651	128	750837	42.91	ng	97
9) Benzaldehyde	6.416	77	540668	36.68	ng	99
10) Phenol	6.510	94	1011466	42.19	ng	98
11) bis(2-Chloroethyl)ether	6.604	93	751019	42.13	ng	99
12) 1,3-Dichlorobenzene	6.810	146	722024	40.14	ng	98
13) 1,4-Dichlorobenzene	6.887	146	734066	40.21	ng	98
14) 1,2-Dichlorobenzene	7.040	146	689791	40.21	ng	96
15) Benzyl Alcohol	7.010	79	765769	42.99	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1691041	42.02	ng	100
17) 2-Methylphenol	7.122	107	645702	42.95	ng	99
18) Hexachloroethane	7.387	117	306680	42.14	ng	99
19) n-Nitroso-di-n-propyla...	7.287	70	603816	40.38	ng	99
20) 3+4-Methylphenols	7.275	107	814159	42.44	ng	96
22) Acetophenone	7.281	105	1155397	40.90	ng	97
24) Nitrobenzene	7.451	77	925370	39.67	ng	95
25) Isophorone	7.692	82	1708831	39.75	ng	99
26) 2-Nitrophenol	7.769	139	377115	47.30	ng	98
27) 2,4-Dimethylphenol	7.804	122	690261	46.92	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	965105	44.74	ng	99
29) 2,4-Dichlorophenol	8.010	162	585427	40.87	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	618149	40.16	ng	99
31) Naphthalene	8.175	128	2087446	39.79	ng	100
32) Benzoic acid	7.939	122	455890	46.71	ng	96
33) 4-Chloroaniline	8.222	127	374167	17.36	ng	96
34) Hexachlorobutadiene	8.298	225	381389	39.49	ng	99
35) Caprolactam	8.598	113	223234m	44.64	ng	
36) 4-Chloro-3-methylphenol	8.710	107	771292	41.52	ng	92
37) 2-Methylnaphthalene	8.869	142	1401912	40.75	ng	98
38) 1-Methylnaphthalene	8.969	142	1299517	39.92	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	599847	41.03	ng	99
41) Hexachlorocyclopentadiene	9.028	237	822673	108.27	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	423807	42.71	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	454211	41.88	ng	95
46) 1,1'-Biphenyl	9.339	154	1720341	41.49	ng	99
47) 2-Chloronaphthalene	9.363	162	1249339	40.04	ng	98
48) 2-Nitroaniline	9.457	65	573363	44.10	ng	94
49) Acenaphthylene	9.781	152	2187533	42.86	ng	98
50) Dimethylphthalate	9.645	163	1545926	42.24	ng	99
51) 2,6-Dinitrotoluene	9.698	165	344789	42.91	ng	97
52) Acenaphthene	9.951	154	1539551m	47.01	ng	
53) 3-Nitroaniline	9.869	138	245214	26.31	ng	99
54) 2,4-Dinitrophenol	9.975	184	411998	116.75	ng	91
55) Dibenzofuran	10.128	168	1857588	39.54	ng	100
56) 4-Nitrophenol	10.033	139	632985	88.64	ng	92
57) 2,4-Dinitrotoluene	10.110	165	467297	43.55	ng	96
58) Fluorene	10.469	166	1482125	40.14	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	383975	44.45	ng	100
60) Diethylphthalate	10.345	149	1682768	42.00	ng	97
61) 4-Chlorophenyl-phenyle...	10.457	204	694361	40.74	ng	96
62) 4-Nitroaniline	10.492	138	386195	41.03	ng	94
63) Azobenzene	10.622	77	1810161	39.88	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	236976	43.23	ng	93
66) n-Nitrosodiphenylamine	10.580	169	1314262	39.08	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	440575	40.12	ng	96
68) Hexachlorobenzene	11.022	284	505781	40.86	ng	93
69) Atrazine	11.110	200	454727	43.39	ng	99
70) Pentachlorophenol	11.210	266	601487	93.01	ng	98
71) Phenanthrene	11.433	178	2132768	38.90	ng	99
72) Anthracene	11.486	178	2219560	40.51	ng	99
73) Carbazole	11.639	167	2084563	38.11	ng	99
74) Di-n-butylphthalate	11.969	149	2748759	41.53	ng	99
75) Fluoranthene	12.627	202	2370055	39.33	ng	98
77) Benzidine	12.745	184	1342855	62.60	ng	99
78) Pyrene	12.857	202	2378873	41.31	ng	99
80) Butylbenzylphthalate	13.474	149	1171300	43.28	ng	97
81) Benzo(a)anthracene	14.045	228	1884191	38.96	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	347706	22.51	ng	99
83) Chrysene	14.086	228	1869435	38.50	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	1587706	44.12	ng	99
85) Di-n-octyl phthalate	14.657	149	2635182	45.50	ng	99
87) Indeno(1,2,3-cd)pyrene	17.039	276	1412727	45.72	ng	99
88) Benzo(b)fluoranthene	15.110	252	1587257	38.82	ng	99
89) Benzo(k)fluoranthene	15.139	252	1561790	42.56	ng	98
90) Benzo(a)pyrene	15.480	252	1326279	40.78	ng	98
91) Dibenzo(a,h)anthracene	17.062	278	1160964	44.42	ng	99
92) Benzo(g,h,i)perylene	17.492	276	1129589	44.94	ng	96

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

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