Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
Data File : BF123594.D
Acq On : 16 Apr 2021 16:06
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
4/19/2021 11:45:02 AM

Quant Time: Apr 16 16:53:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 16 10:31:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	236853	20.00	ng		0.00
21) Naphthalene-d8	8.157	136	883520	20.00	ng		0.00
39) Acenaphthene-d10	9.916	164	435625	20.00	ng		0.00
64) Phenanthrene-d10	11.404	188	834009	20.00	ng		0.00
76) Chrysene-d12	14.057	240	573906	20.00	ng		0.00
86) Perylene-d12	15.539	264	421068	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	1170518	79.87	ng		0.00
7) Phenol-d6	6.498	99	1622035	79.88	ng		0.00
23) Nitrobenzene-d5	7.439	82	1539361	80.10	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	447384	90.69	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	2374369	81.25	ng		0.00
79) Terphenyl-d14	12.998	244	2558442	86.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.616	88	303532	39.65	ng		100
3) Pyridine	3.369	79	754116	40.28	ng		97
4) n-Nitrosodimethylamine	3.322	42	438499	39.53	ng		96
6) Aniline	6.533	93	943560	39.47	ng		98
8) 2-Chlorophenol	6.657	128	619813	39.38	ng		99
9) Benzaldehyde	6.416	77	479646	36.18	ng		98
10) Phenol	6.516	94	877786	40.70	ng		97
11) bis(2-Chloroethyl)ether	6.604	93	642000	40.04	ng		97
12) 1,3-Dichlorobenzene	6.810	146	641374	39.64	ng		99
13) 1,4-Dichlorobenzene	6.886	146	662884	40.37	ng		99
14) 1,2-Dichlorobenzene	7.045	146	615977	39.92	ng		98
15) Benzyl Alcohol	7.010	79	691759	43.18	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1424486	39.35	ng		100
17) 2-Methylphenol	7.122	107	543055	40.15	ng		99
18) Hexachloroethane	7.386	117	263647	40.27	ng		98
19) n-Nitroso-di-n-propyla...	7.286	70	522057	38.81	ng		99
20) 3+4-Methylphenols	7.275	107	683440	39.60	ng		99
22) Acetophenone	7.280	105	948912	38.72	ng		95
24) Nitrobenzene	7.457	77	801082	39.59	ng		98
25) Isophorone	7.698	82	1454054	39.00	ng		98
26) 2-Nitrophenol	7.769	139	327900	47.42	ng		100
27) 2,4-Dimethylphenol	7.804	122	497282	38.97	ng		99
28) bis(2-Chloroethoxy)met...	7.904	93	726271	38.82	ng		99
29) 2,4-Dichlorophenol	8.010	162	494125	39.77	ng		100
30) 1,2,4-Trichlorobenzene	8.098	180	524535	39.29	ng		98
31) Naphthalene	8.180	128	1766935	38.83	ng		100
32) Benzoic acid	7.928	122	397219m	46.90	ng		
33) 4-Chloroaniline	8.222	127	731280	39.13	ng		99
34) Hexachlorobutadiene	8.298	225	337038	40.23	ng		98
35) Caprolactam	8.604	113	169027	38.97	ng	#	89
36) 4-Chloro-3-methylphenol	8.704	107	643319	39.92	ng		100
37) 2-Methylnaphthalene	8.874	142	1174732	39.36	ng		99
38) 1-Methylnaphthalene	8.969	142	1100825	38.99	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	503651	41.89	ng		99
41) Hexachlorocyclopentadiene	9.027	237	269432	43.12	ng		98
43) 2,4,6-Trichlorophenol	9.151	196	353054	43.27	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	389062	43.62	ng		98
46) 1,1'-Biphenyl	9.339	154	1389376	40.75	ng		99
47) 2-Chloronaphthalene	9.363	162	1052193	41.01	ng		99
48) 2-Nitroaniline	9.457	65	454554	42.52	ng		96
49) Acenaphthylene	9.780	152	1716472	40.90	ng		100
50) Dimethylphthalate	9.639	163	1210924	40.23	ng		100
51) 2,6-Dinitrotoluene	9.698	165	270198	40.90	ng		97
52) Acenaphthene	9.951	154	1121920	41.66	ng		98
53) 3-Nitroaniline	9.869	138	312460	40.77	ng		98
54) 2,4-Dinitrophenol	9.969	184	146708	50.56	ng		94
55) Dibenzofuran	10.121	168	1562466	40.45	ng		99
56) 4-Nitrophenol	10.021	139	248048	42.24	ng		95
57) 2,4-Dinitrotoluene	10.104	165	377427	42.77	ng		98
58) Fluorene	10.469	166	1229426	40.49	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.239	232	307091	43.24	ng		100
60) Diethylphthalate	10.339	149	1329920	40.36	ng		99
61) 4-Chlorophenyl-phenyle...	10.457	204	564073	40.25	ng		97
62) 4-Nitroaniline	10.486	138	312443	40.37	ng		98
63) Azobenzene	10.621	77	1482119	39.71	ng		100
65) 4,6-Dinitro-2-methylph...	10.510	198	205988	47.34	ng		97
66) n-Nitrosodiphenylamine	10.580	169	1082185	40.53	ng		98
67) 4-Bromophenyl-phenylether	10.951	248	360028	41.29	ng		99
68) Hexachlorobenzene	11.016	284	400016	40.70	ng		95
69) Atrazine	11.104	200	331604	39.85	ng		97
70) Pentachlorophenol	11.210	266	242958	47.32	ng		99
71) Phenanthrene	11.433	178	1697552	39.00	ng		98
72) Anthracene	11.486	178	1716872	39.47	ng		99
73) Carbazole	11.639	167	1686912	38.85	ng		99
74) Di-n-butylphthalate	11.968	149	2050145	39.01	ng		99
75) Fluoranthene	12.621	202	1855883	38.80	ng		99
77) Benzidine	12.739	184	709269	45.46	ng		99
78) Pyrene	12.851	202	1831547	43.73	ng		100
80) Butylbenzylphthalate	13.474	149	829141	42.13	ng		96
81) Benzo(a)anthracene	14.045	228	1397967	39.75	ng		100
82) 3,3'-Dichlorobenzidine	14.004	252	460447	40.99	ng	#	97
83) Chrysene	14.086	228	1409344	39.91	ng		98
84) Bis(2-ethylhexyl)phtha...	14.039	149	1032854	39.47	ng		100
85) Di-n-octyl phthalate	14.651	149	1566319	37.19	ng		99
87) Indeno(1,2,3-cd)pyrene	17.033	276	1026955	45.71	ng		100
88) Benzo(b)fluoranthene	15.104	252	1183575m	39.81	ng		
89) Benzo(k)fluoranthene	15.139	252	1079514	40.38	ng		98
90) Benzo(a)pyrene	15.480	252	985196	41.66	ng		96
91) Dibenzo(a,h)anthracene	17.050	278	872501	45.92	ng		98
92) Benzo(g,h,i)perylene	17.486	276	863713	46.76	ng		97

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

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