Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032321\
Data File : BF123419.D
Acq On : 24 Mar 2021 1:45
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
3/24/2021 1:33:30 PM

Quant Time: Mar 24 02:07:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 23 15:58:35 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.916	152	265597	20.00	ng		0.00
21) Naphthalene-d8	8.204	136	943364	20.00	ng		# 0.00
39) Acenaphthene-d10	9.963	164	484242	20.00	ng		0.00
64) Phenanthrene-d10	11.451	188	760779	20.00	ng		0.00
76) Chrysene-d12	14.104	240	371297	20.00	ng		0.00
86) Perylene-d12	15.604	264	410651	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	1249846	76.98	ng		0.01
7) Phenol-d6	6.545	99	1690249	78.21	ng		0.01
23) Nitrobenzene-d5	7.481	82	1498008	85.70	ng		0.00
42) 2,4,6-Tribromophenol	10.757	330	424278	78.37	ng		0.00
45) 2-Fluorobiphenyl	9.281	172	2550682	75.25	ng		0.00
79) Terphenyl-d14	13.045	244	2060362	94.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.752	88	298934	38.28	ng	#	69
3) Pyridine	3.510	79	786151	38.28	ng	#	64
4) n-Nitrosodimethylamine	3.469	42	461913	37.60	ng	#	68
6) Aniline	6.581	93	988768	37.39	ng		93
8) 2-Chlorophenol	6.704	128	711916	39.77	ng		92
9) Benzaldehyde	6.463	77	442063	45.63	ng		95
10) Phenol	6.557	94	913250	41.17	ng		97
11) bis(2-Chloroethyl)ether	6.651	93	699322	39.54	ng	#	82
12) 1,3-Dichlorobenzene	6.857	146	761253m	39.41	ng		
13) 1,4-Dichlorobenzene	6.934	146	759268	39.30	ng		96
14) 1,2-Dichlorobenzene	7.092	146	704358	39.25	ng		99
15) Benzyl Alcohol	7.057	79	681742	40.29	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.192	45	1506692	37.95	ng		87
17) 2-Methylphenol	7.163	107	586645	39.86	ng		98
18) Hexachloroethane	7.434	117	291559	40.28	ng		96
19) n-Nitroso-di-n-propyla...	7.334	70	547694	39.18	ng	#	76
20) 3+4-Methylphenols	7.316	107	700180	38.19	ng	#	83
22) Acetophenone	7.328	105	901613	38.07	ng	#	91
24) Nitrobenzene	7.498	77	797091	41.25	ng		93
25) Isophorone	7.739	82	1462604	38.92	ng		98
26) 2-Nitrophenol	7.816	139	359580	52.06	ng		91
27) 2,4-Dimethylphenol	7.851	122	606842	39.50	ng		99
28) bis(2-Chloroethoxy)met...	7.951	93	802249	39.61	ng		98
29) 2,4-Dichlorophenol	8.057	162	609535	40.43	ng		97
30) 1,2,4-Trichlorobenzene	8.145	180	656053	39.89	ng		99
31) Naphthalene	8.228	128	1975926	38.96	ng		100
32) Benzoic acid	7.957	122	289781	31.97	ng		94
33) 4-Chloroaniline	8.269	127	706009	33.93	ng	#	94
34) Hexachlorobutadiene	8.345	225	407612	40.63	ng		99
35) Caprolactam	8.651	113	170557	37.62	ng	#	39
36) 4-Chloro-3-methylphenol	8.745	107	603516	38.14	ng		94
37) 2-Methylnaphthalene	8.916	142	1331040	38.28	ng		99
38) 1-Methylnaphthalene	9.016	142	1253707	38.41	ng		98
40) 1,2,4,5-Tetrachloroben...	9.081	216	589751	40.93	ng		98
41) Hexachlorocyclopentadiene	9.075	237	251310	31.24	ng		96
43) 2,4,6-Trichlorophenol	9.192	196	417913	41.42	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.234	196	420169	39.63	ng		99
46) 1,1'-Biphenyl	9.381	154	1487629	39.86	ng		99
47) 2-Chloronaphthalene	9.410	162	1215682	39.93	ng		97
48) 2-Nitroaniline	9.498	65	416459	45.08	ng	#	73
49) Acenaphthylene	9.828	152	1837133	38.58	ng		99
50) Dimethylphthalate	9.686	163	1362079	39.60	ng		100
51) 2,6-Dinitrotoluene	9.745	165	309357	43.06	ng	#	84
52) Acenaphthene	9.998	154	1144152	38.49	ng		98
53) 3-Nitroaniline	9.910	138	270882	35.70	ng		87
54) 2,4-Dinitrophenol	10.010	184	65248	25.66	ng	#	59
55) Dibenzofuran	10.169	168	1637509	38.32	ng		98
56) 4-Nitrophenol	10.063	139	210336	34.37	ng	#	80
57) 2,4-Dinitrotoluene	10.145	165	400523	44.67	ng		92
58) Fluorene	10.516	166	1177369	36.49	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.286	232	330340	38.17	ng		95
60) Diethylphthalate	10.386	149	1298959	38.69	ng		100
61) 4-Chlorophenyl-phenyle...	10.504	204	620448	39.35	ng		98
62) 4-Nitroaniline	10.528	138	271745	37.79	ng		96
63) Azobenzene	10.669	77	1384250	37.47	ng		93
65) 4,6-Dinitro-2-methylph...	10.551	198	135824	34.77	ng	#	66
66) n-Nitrosodiphenylamine	10.622	169	1081881	42.44	ng		98
67) 4-Bromophenyl-phenylether	10.998	248	399344	44.32	ng		97
68) Hexachlorobenzene	11.063	284	418146	42.11	ng		97
69) Atrazine	11.151	200	348048	42.96	ng		98
70) Pentachlorophenol	11.251	266	222907	37.62	ng		96
71) Phenanthrene	11.480	178	1643482	39.08	ng		100
72) Anthracene	11.533	178	1645870	38.91	ng		99
73) Carbazole	11.680	167	1442890	36.10	ng		100
74) Di-n-butylphthalate	12.016	149	1880917	41.34	ng		99
75) Fluoranthene	12.669	202	1520304	33.39	ng		99
77) Benzidine	12.786	184	440275	39.81	ng		99
78) Pyrene	12.898	202	1465732	45.76	ng		100
80) Butylbenzylphthalate	13.521	149	604192	50.86	ng		98
81) Benzo(a)anthracene	14.092	228	984950	40.53	ng		98
82) 3,3'-Dichlorobenzidine	14.051	252	341078	43.15	ng		99
83) Chrysene	14.127	228	1002689	39.97	ng		100
84) Bis(2-ethylhexyl)phtha...	14.086	149	726698	46.47	ng		98
85) Di-n-octyl phthalate	14.704	149	1194326	48.31	ng	#	89
87) Indeno(1,2,3-cd)pyrene	17.133	276	1214314	47.58	ng		99
88) Benzo(b)fluoranthene	15.163	252	1069558	37.75	ng		98
89) Benzo(k)fluoranthene	15.192	252	953348	35.60	ng		99
90) Benzo(a)pyrene	15.545	252	973958	39.82	ng		100
91) Dibenzo(a,h)anthracene	17.157	278	1031912	47.63	ng		99
92) Benzo(g,h,i)perylene	17.598	276	1012367	46.68	ng		99

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

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