Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032321\
Data File : BF123407.D
Acq On : 23 Mar 2021 17:08
Operator : JU/CG
Sample : PB135297BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB135297BS

Manual Integrations APPROVED
mohammad
3/24/2021 1:33:08 PM

Quant Time: Mar 23 17:30:00 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	223623	20.00	ng	0.00
21) Naphthalene-d8	8.198	136	858202	20.00	ng	# 0.00
39) Acenaphthene-d10	9.963	164	488729	20.00	ng	0.00
64) Phenanthrene-d10	11.457	188	909800	20.00	ng	0.00
76) Chrysene-d12	14.110	240	673691	20.00	ng	0.00
86) Perylene-d12	15.609	264	536039	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1144468	83.73	ng	0.01
7) Phenol-d6	6.534	99	1508996	82.93	ng	0.00
23) Nitrobenzene-d5	7.475	82	1191229	74.91	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	475454	87.02	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	2231595	65.23	ng	0.00
79) Terphenyl-d14	13.045	244	2418216	60.83	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.822	88	268353	40.82	ng	# 66
3) Pyridine	3.563	79	730012	42.22	ng	# 62
4) n-Nitrosodimethylamine	3.516	42	454593	43.95	ng	# 65
6) Aniline	6.575	93	780460	35.05	ng	93
8) 2-Chlorophenol	6.698	128	668393	44.34	ng	88
9) Benzaldehyde	6.463	77	207331	20.04	ng	98
10) Phenol	6.551	94	845364	45.26	ng	95
11) bis(2-Chloroethyl)ether	6.651	93	672574	45.16	ng	86
12) 1,3-Dichlorobenzene	6.857	146	695435m	42.76	ng	
13) 1,4-Dichlorobenzene	6.934	146	704597	43.32	ng	98
14) 1,2-Dichlorobenzene	7.086	146	682108	45.14	ng	98
15) Benzyl Alcohol	7.051	79	628913	44.14	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.192	45	1492720	44.66	ng	85
17) 2-Methylphenol	7.163	107	577699	46.61	ng	98
18) Hexachloroethane	7.434	117	276584	45.38	ng	99
19) n-Nitroso-di-n-propyla...	7.328	70	524194	44.54	ng	# 72
20) 3+4-Methylphenols	7.316	107	695908	45.08	ng	90
22) Acetophenone	7.322	105	929975	43.17	ng	# 88
24) Nitrobenzene	7.498	77	756830	43.05	ng	95
25) Isophorone	7.739	82	1435571	41.99	ng	97
26) 2-Nitrophenol	7.810	139	330264	52.56	ng	# 87
27) 2,4-Dimethylphenol	7.845	122	656159	46.95	ng	99
28) bis(2-Chloroethoxy)met...	7.945	93	878677	47.69	ng	99
29) 2,4-Dichlorophenol	8.051	162	607955	44.32	ng	97
30) 1,2,4-Trichlorobenzene	8.139	180	617997	41.30	ng	98
31) Naphthalene	8.222	128	1917343	41.55	ng	99
32) Benzoic acid	7.969	122	454754	55.15	ng	98
33) 4-Chloroaniline	8.263	127	445870	23.55	ng	# 93
34) Hexachlorobutadiene	8.345	225	368642	40.39	ng	99
35) Caprolactam	8.639	113	181831m	44.09	ng	
36) 4-Chloro-3-methylphenol	8.745	107	652101	45.30	ng	97
37) 2-Methylnaphthalene	8.916	142	1358782	42.96	ng	100
38) 1-Methylnaphthalene	9.016	142	1280942	43.14	ng	99
40) 1,2,4,5-Tetrachloroben...	9.080	216	584162	40.17	ng	98
41) Hexachlorocyclopentadiene	9.075	237	787058	96.93	ng	97
43) 2,4,6-Trichlorophenol	9.192	196	438931	43.11	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.228	196	457484	42.75	ng		97
46) 1,1'-Biphenyl	9.380	154	1603047	42.56	ng		99
47) 2-Chloronaphthalene	9.404	162	1259222	40.98	ng		99
48) 2-Nitroaniline	9.498	65	468749	50.27	ng	#	72
49) Acenaphthylene	9.827	152	2002175	41.66	ng		99
50) Dimethylphthalate	9.686	163	1527575	44.01	ng		98
51) 2,6-Dinitrotoluene	9.745	165	343098	47.32	ng	#	85
52) Acenaphthene	9.998	154	1370339	45.68	ng		98
53) 3-Nitroaniline	9.910	138	265216	34.63	ng		84
54) 2,4-Dinitrophenol	10.016	184	326016	92.92	ng	#	80
55) Dibenzofuran	10.169	168	1762633	40.87	ng		98
56) 4-Nitrophenol	10.069	139	586741	95.00	ng	#	66
57) 2,4-Dinitrotoluene	10.151	165	455847	50.37	ng		93
58) Fluorene	10.516	166	1336355	41.04	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.286	232	395761	45.31	ng		92
60) Diethylphthalate	10.392	149	1519862	44.85	ng		99
61) 4-Chlorophenyl-phenyle...	10.504	204	670935	42.16	ng		96
62) 4-Nitroaniline	10.533	138	350185	48.25	ng		94
63) Azobenzene	10.669	77	1568013	42.05	ng		92
65) 4,6-Dinitro-2-methylph...	10.557	198	226015	46.38	ng	#	70
66) n-Nitrosodiphenylamine	10.627	169	1233846	40.47	ng		98
67) 4-Bromophenyl-phenylether	10.998	248	457189	42.43	ng		99
68) Hexachlorobenzene	11.063	284	500446	42.14	ng		96
69) Atrazine	11.151	200	383300	39.56	ng		98
70) Pentachlorophenol	11.257	266	608310	85.85	ng		98
71) Phenanthrene	11.480	178	2033578	40.43	ng		99
72) Anthracene	11.533	178	2083943	41.19	ng		99
73) Carbazole	11.686	167	1898311	39.72	ng		98
74) Di-n-butylphthalate	12.021	149	2382543	43.79	ng		99
75) Fluoranthene	12.674	202	2262673	41.55	ng		98
77) Benzidine	12.786	184	850212	42.37	ng		99
78) Pyrene	12.904	202	2283819	39.30	ng		100
80) Butylbenzylphthalate	13.527	149	989289	45.90	ng		98
81) Benzo(a)anthracene	14.098	228	1752863	39.75	ng		98
82) 3,3'-Dichlorobenzidine	14.057	252	437608	30.51	ng		98
83) Chrysene	14.133	228	1818053	39.94	ng		99
84) Bis(2-ethylhexyl)phtha...	14.092	149	1304107	45.96	ng		96
85) Di-n-octyl phthalate	14.710	149	2304180	51.37	ng	#	87
87) Indeno(1,2,3-cd)pyrene	17.133	276	1363603	40.94	ng		100
88) Benzo(b)fluoranthene	15.168	252	1585052	42.86	ng		97
89) Benzo(k)fluoranthene	15.204	252	1559514m	44.61	ng		
90) Benzo(a)pyrene	15.551	252	1343529	42.09	ng		98
91) Dibenzo(a,h)anthracene	17.156	278	1144058	40.46	ng		99
92) Benzo(g,h,i)perylene	17.598	276	1095178	38.69	ng		97

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

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