Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101420\
Data File : BF121955.D
Acq On : 14 Oct 2020 13:15
Operator : JU/CG
Sample : PB132353BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB132353BS

Manual Integrations APPROVED
mohammad
10/15/2020 10:47:04 AM

Quant Time: Oct 14 13:48:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 16:22:33 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.745	152	132358	20.00	ng		0.00
21) Naphthalene-d8	8.028	136	508276	20.00	ng		0.00
39) Acenaphthene-d10	9.781	164	264656	20.00	ng		0.00
64) Phenanthrene-d10	11.263	188	489552	20.00	ng		-0.01
76) Chrysene-d12	13.910	240	390709	20.00	ng		0.00
86) Perylene-d12	15.339	264	320000	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	911331	101.62	ng		0.01
7) Phenol-d6	6.398	99	1140754	98.82	ng		0.00
23) Nitrobenzene-d5	7.316	82	759733	76.66	ng		0.00
42) 2,4,6-Tribromophenol	10.575	330	350417	107.04	ng		0.00
45) 2-Fluorobiphenyl	9.104	172	1297514	72.13	ng		0.00
79) Terphenyl-d14	12.851	244	1588880	77.50	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.528	88	230434	58.42	ng		99
3) Pyridine	3.252	79	380584	36.70	ng		99
4) n-Nitrosodimethylamine	3.205	42	198275	39.56	ng		99
6) Aniline	6.410	93	416447	29.30	ng	#	20
8) 2-Chlorophenol	6.534	128	362127	39.95	ng		97
9) Benzaldehyde	6.298	77	125845	15.94	ng		97
10) Phenol	6.410	94	444557	37.32	ng		89
11) bis(2-Chloroethyl)ether	6.487	93	358265	38.90	ng		97
12) 1,3-Dichlorobenzene	6.687	146	383345	37.60	ng		97
13) 1,4-Dichlorobenzene	6.763	146	390209	38.12	ng		99
14) 1,2-Dichlorobenzene	6.916	146	354380	37.87	ng		98
15) Benzyl Alcohol	6.898	79	290847	38.95	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.022	45	537315	37.91	ng		68
17) 2-Methylphenol	7.016	107	297895	38.44	ng	#	92
18) Hexachloroethane	7.251	117	142544	38.55	ng		98
19) n-Nitroso-di-n-propyla...	7.169	70	253964	38.64	ng		97
20) 3+4-Methylphenols	7.169	107	363400	38.89	ng	#	78
22) Acetophenone	7.163	105	477548	36.52	ng	#	96
24) Nitrobenzene	7.334	77	395916	37.37	ng		100
25) Isophorone	7.575	82	700937	37.40	ng		99
26) 2-Nitrophenol	7.651	139	190358	39.02	ng		100
27) 2,4-Dimethylphenol	7.692	122	297007	35.71	ng		99
28) bis(2-Chloroethoxy)met...	7.781	93	443720	37.84	ng		100
29) 2,4-Dichlorophenol	7.898	162	294746	37.85	ng		97
30) 1,2,4-Trichlorobenzene	7.969	180	305299	36.87	ng		99
31) Naphthalene	8.051	128	1010967	37.13	ng		100
32) Benzoic acid	7.851	122	170395	37.79	ng		94
33) 4-Chloroaniline	8.104	127	345755	29.81	ng		99
34) Hexachlorobutadiene	8.163	225	183727	37.42	ng		100
35) Caprolactam	8.487	113	95444m	38.59	ng		
36) 4-Chloro-3-methylphenol	8.598	107	322151	38.52	ng		98
37) 2-Methylnaphthalene	8.739	142	658208	37.32	ng		98
38) 1-Methylnaphthalene	8.839	142	621001	38.03	ng		99
40) 1,2,4,5-Tetrachloroben...	8.910	216	304774	35.68	ng		99
41) Hexachlorocyclopentadiene	8.892	237	183914	71.35	ng		97
43) 2,4,6-Trichlorophenol	9.028	196	201111	38.16	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	211862	37.22	ng		98
46) 1,1'-Biphenyl	9.204	154	782155	36.35	ng		100
47) 2-Chloronaphthalene	9.234	162	616439	36.84	ng		98
48) 2-Nitroaniline	9.334	65	219916	39.84	ng		98
49) Acenaphthylene	9.645	152	950582	36.98	ng		100
50) Dimethylphthalate	9.510	163	739427	38.21	ng		100
51) 2,6-Dinitrotoluene	9.575	165	165900	39.08	ng		99
52) Acenaphthene	9.816	154	571629	37.39	ng		99
53) 3-Nitroaniline	9.745	138	147884	30.63	ng		99
54) 2,4-Dinitrophenol	9.869	184	152712	71.53	ng		98
55) Dibenzofuran	9.986	168	812555	36.34	ng		98
56) 4-Nitrophenol	9.928	139	192737	73.39	ng	#	81
57) 2,4-Dinitrotoluene	9.986	165	203578	38.95	ng	#	86
58) Fluorene	10.333	166	662243	36.76	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	179390	40.74	ng		97
60) Diethylphthalate	10.204	149	713045	38.21	ng		98
61) 4-Chlorophenyl-phenyle...	10.322	204	318705	36.89	ng		98
62) 4-Nitroaniline	10.363	138	185637	38.49	ng		95
63) Azobenzene	10.481	77	749280	37.97	ng		99
65) 4,6-Dinitro-2-methylph...	10.398	198	123580	38.63	ng		94
66) n-Nitrosodiphenylamine	10.445	169	628197	37.25	ng		99
67) 4-Bromophenyl-phenylether	10.810	248	214369	37.90	ng		99
68) Hexachlorobenzene	10.881	284	241751	37.76	ng		95
69) Atrazine	10.975	200	185336	44.95	ng		98
70) Pentachlorophenol	11.081	266	178554	71.84	ng		99
71) Phenanthrene	11.292	178	995099	37.07	ng		99
72) Anthracene	11.345	178	1025884	36.85	ng		99
73) Carbazole	11.504	167	941242	38.02	ng		100
74) Di-n-butylphthalate	11.828	149	1095853	38.48	ng		100
75) Fluoranthene	12.480	202	1103101	38.33	ng		98
77) Benzidine	12.604	184	437855	36.35	ng		99
78) Pyrene	12.710	202	1095107	36.78	ng		99
80) Butylbenzylphthalate	13.322	149	474411	40.18	ng		99
81) Benzo(a)anthracene	13.898	228	971919	37.96	ng		99
82) 3,3'-Dichlorobenzidine	13.857	252	304470	32.06	ng		98
83) Chrysene	13.939	228	948124	37.72	ng		100
84) Bis(2-ethylhexyl)phtha...	13.880	149	635421	39.64	ng		100
85) Di-n-octyl phthalate	14.492	149	1039753	40.10	ng		100
87) Indeno(1,2,3-cd)pyrene	16.762	276	822822	39.60	ng		99
88) Benzo(b)fluoranthene	14.933	252	879964	40.68	ng		99
89) Benzo(k)fluoranthene	14.963	252	839493	40.86	ng		99
90) Benzo(a)pyrene	15.286	252	764270	40.91	ng		100
91) Dibenzo(a,h)anthracene	16.768	278	679888	39.74	ng		98
92) Benzo(g,h,i)perylene	17.180	276	677014	39.54	ng		99

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

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