Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081720\
Data File : BF121302.D
Acq On : 17 Aug 2020 11:01
Operator : JU/CG
Sample : PB131001BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB131001BS

Manual Integrations APPROVED
mohammad
8/18/2020 1:49:52 PM

Quant Time: Aug 17 12:06:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 10:52:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	97154	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	375514	20.00	ng		0.00
39) Acenaphthene-d10	9.75	164	196216	20.00	ng		0.00
64) Phenanthrene-d10	11.23	188	379685	20.00	ng		0.00
76) Chrysene-d12	13.86	240	308077	20.00	ng		0.00
86) Perylene-d12	15.27	264	321123	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	596768	93.12	ng		0.00
7) Phenol-d6	6.35	99	711406	86.15	ng		0.00
23) Nitrobenzene-d5	7.27	82	462744	67.35	ng		0.00
42) 2,4,6-Tribromophenol	10.53	330	223611	92.56	ng		0.00
45) 2-Fluorobiphenyl	9.07	172	890909	62.81	ng		0.00
79) Terphenyl-d14	12.81	244	966614	61.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	82970	30.424	ng		97
3) Pyridine	3.04	79	205104	28.892	ng		96
4) n-Nitrosodimethylamine	2.98	42	110168	37.892	ng		99
6) Aniline	6.37	93	311763	31.847	ng		96
8) 2-Chlorophenol	6.49	128	260461	36.962	ng		99
9) Benzaldehyde	6.25	77	154964	36.414	ng		97
10) Phenol	6.36	94	314856	35.147	ng		95
11) bis(2-Chloroethyl)ether	6.45	93	245095	37.904	ng		99
12) 1,3-Dichlorobenzene	6.65	146	261498	35.121	ng		99
13) 1,4-Dichlorobenzene	6.72	146	269712	35.839	ng		99
14) 1,2-Dichlorobenzene	6.87	146	256993	36.183	ng		98
15) Benzyl Alcohol	6.85	79	203816	36.845	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	345527	37.109	ng		99
17) 2-Methylphenol	6.97	107	209462	37.631	ng		99
18) Hexachloroethane	7.22	117	98676	37.078	ng		96
19) n-Nitroso-di-n-propylamine	7.12	70	162039	35.316	ng		99
20) 3+4-Methylphenols	7.13	107	253767	35.934	ng	#	60
22) Acetophenone	7.12	105	337406	34.885	ng	#	96
24) Nitrobenzene	7.29	77	262977	35.273	ng		100
25) Isophorone	7.53	82	476492	34.541	ng		99
26) 2-Nitrophenol	7.61	139	135249	37.441	ng		99
27) 2,4-Dimethylphenol	7.65	122	227966	39.387	ng		98
28) bis(2-Chloroethoxy)methane	7.75	93	306094	39.670	ng		98
29) 2,4-Dichlorophenol	7.85	162	214105	36.175	ng		96
30) 1,2,4-Trichlorobenzene	7.93	180	230955	35.355	ng		100
31) Naphthalene	8.01	128	719927	34.077	ng		99
32) Benzoic acid	7.78	122	93813	32.259	ng		98
33) 4-Chloroaniline	8.06	127	242465	28.123	ng		100
34) Hexachlorobutadiene	8.13	225	132608	33.552	ng		98
35) Caprolactam	8.43	113	69962m	39.245	ng		
36) 4-Chloro-3-methylphenol	8.55	107	225580	37.357	ng		100
37) 2-Methylnaphthalene	8.70	142	487975	35.101	ng		99
38) 1-Methylnaphthalene	8.80	142	460443	34.980	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	230616	35.077	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	190024	71.599	ng	98
43) 2,4,6-Trichlorophenol	8.99	196	153155	36.629	ng	100
44) 2,4,5-Trichlorophenol	9.03	196	166175	36.590	ng	99
46) 1,1'-Biphenyl	9.17	154	598015	35.272	ng	99
47) 2-Chloronaphthalene	9.19	162	458434	35.126	ng	100
48) 2-Nitroaniline	9.29	65	141890	38.679	ng	99
49) Acenaphthylene	9.60	152	735464	35.480	ng	99
50) Dimethylphthalate	9.47	163	552374	37.411	ng	98
51) 2,6-Dinitrotoluene	9.53	165	123210	37.435	ng	99
52) Acenaphthene	9.77	154	426248	34.731	ng	98
53) 3-Nitroaniline	9.70	138	101243	26.941	ng	98
54) 2,4-Dinitrophenol	9.82	184	108494	65.400	ng	97
55) Dibenzofuran	9.95	168	656003	33.565	ng	98
56) 4-Nitrophenol	9.87	139	187569	77.342	ng	92
57) 2,4-Dinitrotoluene	9.94	165	160667	37.197	ng	94
58) Fluorene	10.29	166	497299	33.614	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	142202	39.601	ng	99
60) Diethylphthalate	10.17	149	546869	36.423	ng	99
61) 4-Chlorophenyl-phenylether	10.29	204	246534	34.263	ng	98
62) 4-Nitroaniline	10.32	138	136045	36.107	ng	100
63) Azobenzene	10.45	77	520147	34.672	ng	99
65) 4,6-Dinitro-2-methylphenol	10.35	198	83219	36.938	ng	85
66) n-Nitrosodiphenylamine	10.40	169	468091	35.954	ng	98
67) 4-Bromophenyl-phenylether	10.77	248	162457	36.681	ng	98
68) Hexachlorobenzene	10.84	284	184430	36.518	ng	99
69) Atrazine	10.93	200	130665	33.554	ng	99
70) Pentachlorophenol	11.04	266	181395	80.614	ng	97
71) Phenanthrene	11.25	178	762169	35.088	ng	99
72) Anthracene	11.30	178	793951	36.424	ng	99
73) Carbazole	11.46	167	737320	34.587	ng	100
74) Di-n-butylphthalate	11.79	149	872550	36.262	ng	100
75) Fluoranthene	12.43	202	860560	35.580	ng	100
77) Benzidine	12.56	184	408430	50.430	ng	99
78) Pyrene	12.66	202	887521	38.686	ng	100
80) Butylbenzylphthalate	13.29	149	372242	39.722	ng	99
81) Benzo(a)anthracene	13.85	228	732613	35.061	ng	100
82) 3,3'-Dichlorobenzidine	13.82	252	226902	27.370	ng	99
83) Chrysene	13.89	228	768875	36.040	ng	99
84) Bis(2-ethylhexyl)phthalate	13.84	149	462853	35.834	ng	100
85) Di-n-octyl phthalate	14.46	149	877275	37.044	ng	100
87) Indeno(1,2,3-cd)pyrene	16.64	276	798891	33.461	ng	100
88) Benzo(b)fluoranthene	14.87	252	782787	36.381	ng	100
89) Benzo(k)fluoranthene	14.90	252	723585	36.214	ng	99
90) Benzo(a)pyrene	15.22	252	689279	35.493	ng	100
91) Dibenzo(a,h)anthracene	16.65	278	668142	32.660	ng	99
92) Benzo(g,h,i)perylene	17.04	276	672131	33.293	ng	99

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

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