Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
Data File : BF121370.D
Acq On : 21 Aug 2020 16:35
Operator : JU/CG
Sample : PB131076BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB131076BS

Manual Integrations APPROVED
Sohil
8/24/2020 1:50:07 PM

Quant Time: Aug 21 17:51:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 04:56:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	158257	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	633705	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	333491	20.00	ng		0.00
64) Phenanthrene-d10	11.22	188	634105	20.00	ng		0.00
76) Chrysene-d12	13.85	240	474555	20.00	ng		0.00
86) Perylene-d12	15.26	264	477490	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	920187	95.34	ng		0.02
7) Phenol-d6	6.35	99	1145034	92.93	ng		0.00
23) Nitrobenzene-d5	7.27	82	967897	86.38	ng		0.00
42) 2,4,6-Tribromophenol	10.52	330	344454	88.63	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	1686508	99.25	ng		0.00
79) Terphenyl-d14	12.80	244	1488502	61.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	164381	37.638	ng		100
3) Pyridine	3.16	79	361561	30.845	ng		100
4) n-Nitrosodimethylamine	3.11	42	182826	38.320	ng		96
6) Aniline	6.36	93	416577	29.281	ng	#	47
8) 2-Chlorophenol	6.49	128	397402	39.396	ng		99
9) Benzaldehyde	6.25	77	239368	34.534	ng		99
10) Phenol	6.36	94	466852	36.137	ng		96
11) bis(2-Chloroethyl)ether	6.44	93	383982	38.593	ng		95
12) 1,3-Dichlorobenzene	6.63	146	416287	36.834	ng		99
13) 1,4-Dichlorobenzene	6.71	146	423259	37.099	ng		100
14) 1,2-Dichlorobenzene	6.87	146	378114	34.801	ng		97
15) Benzyl Alcohol	6.85	79	280012	37.772	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	530211	36.192	ng		84
17) 2-Methylphenol	6.96	107	325708	39.132	ng		98
18) Hexachloroethane	7.20	117	160642	37.815	ng		97
19) n-Nitroso-di-n-propylamine	7.12	70	256537	38.715	ng		98
20) 3+4-Methylphenols	7.12	107	384613	47.021	ng	#	86
22) Acetophenone	7.11	105	531489	35.874	ng		98
24) Nitrobenzene	7.29	77	410315	35.929	ng		97
25) Isophorone	7.53	82	770917	37.806	ng		98
26) 2-Nitrophenol	7.60	139	225240	38.457	ng		95
27) 2,4-Dimethylphenol	7.65	122	359191	42.979	ng		98
28) bis(2-Chloroethoxy)methane	7.73	93	490487	35.336	ng		99
29) 2,4-Dichlorophenol	7.85	162	335551	36.775	ng		98
30) 1,2,4-Trichlorobenzene	7.92	180	365947	35.072	ng		99
31) Naphthalene	8.00	128	1136700	36.041	ng		99
32) Benzoic acid	7.79	122	189357	31.779	ng		98
33) 4-Chloroaniline	8.05	127	345210	24.718	ng		97
34) Hexachlorobutadiene	8.12	225	210035	34.014	ng		98
35) Caprolactam	8.43	113	108548m	36.324	ng		
36) 4-Chloro-3-methylphenol	8.55	107	347213	37.624	ng		96
37) 2-Methylnaphthalene	8.69	142	772575	37.793	ng		99
38) 1-Methylnaphthalene	8.79	142	717173	36.897	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	358143	36.183	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	301009	77.035 ng	98
43) 2,4,6-Trichlorophenol	8.97	196	242197	35.792 ng	99
44) 2,4,5-Trichlorophenol	9.02	196	261127	37.509 ng	97
46) 1,1'-Biphenyl	9.16	154	923830	36.960 ng	99
47) 2-Chloronaphthalene	9.18	162	710035	34.480 ng	98
48) 2-Nitroaniline	9.28	65	225106	34.718 ng	99
49) Acenaphthylene	9.59	152	1124081	36.750 ng	100
50) Dimethylphthalate	9.46	163	857071	35.325 ng	100
51) 2,6-Dinitrotoluene	9.53	165	193019	37.251 ng	97
52) Acenaphthene	9.76	154	653634	35.170 ng	98
53) 3-Nitroaniline	9.69	138	146970	22.674 ng	95
54) 2,4-Dinitrophenol	9.81	184	188183	75.332 ng	96
55) Dibenzofuran	9.94	168	962144	39.956 ng	99
56) 4-Nitrophenol	9.87	139	267332	66.873 ng	96
57) 2,4-Dinitrotoluene	9.93	165	227033	35.915 ng	93
58) Fluorene	10.28	166	720902	40.732 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.06	232	214074	35.971 ng	99
60) Diethylphthalate	10.16	149	835393	35.261 ng	99
61) 4-Chlorophenyl-phenylether	10.27	204	355611	39.744 ng	98
62) 4-Nitroaniline	10.31	138	211891	31.904 ng	100
63) Azobenzene	10.43	77	786959	35.762 ng	99
65) 4,6-Dinitro-2-methylphenol	10.35	198	139654	41.182 ng	90
66) n-Nitrosodiphenylamine	10.39	169	707488	36.171 ng	99
67) 4-Bromophenyl-phenylether	10.76	248	246312	35.018 ng	96
68) Hexachlorobenzene	10.83	284	276526	34.106 ng	99
69) Atrazine	10.93	200	204322	33.722 ng	99
70) Pentachlorophenol	11.03	266	268724	74.492 ng	98
71) Phenanthrene	11.24	178	1097634	33.446 ng	100
72) Anthracene	11.29	178	1155699	36.569 ng	100
73) Carbazole	11.45	167	1063976	35.277 ng	100
74) Di-n-butylphthalate	11.78	149	1303647	35.844 ng	100
75) Fluoranthene	12.43	202	1206610	33.873 ng	98
77) Benzidine	12.55	184	675999	51.704 ng	99
78) Pyrene	12.66	202	1232316	34.570 ng	99
80) Butylbenzylphthalate	13.27	149	552406	36.064 ng	98
81) Benzo(a)anthracene	13.84	228	982159	33.322 ng	99
82) 3,3'-Dichlorobenzidine	13.80	252	308520	27.262 ng	99
83) Chrysene	13.88	228	1036322	34.377 ng	99
84) Bis(2-ethylhexyl)phthalate	13.83	149	656198	36.429 ng	99
85) Di-n-octyl phthalate	14.44	149	1241571	37.245 ng	99
87) Indeno(1,2,3-cd)pyrene	16.63	276	1000464	34.325 ng	100
88) Benzo(b)fluoranthene	14.86	252	1109643	35.972 ng	99
89) Benzo(k)fluoranthene	14.89	252	893031	32.887 ng	100
90) Benzo(a)pyrene	15.20	252	911718	34.206 ng	99
91) Dibenzo(a,h)anthracene	16.64	278	831240	34.783 ng	100
92) Benzo(g,h,i)perylene	17.04	276	837785	35.859 ng	99

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

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