Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
Data File : BF121361.D
Acq On : 21 Aug 2020 11:06
Operator : JU/CG
Sample : PB131046BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB131046BSD

Manual Integrations APPROVED
Sohil
8/24/2020 1:49:59 PM

Quant Time: Aug 21 13:22:29 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	6.70	152	155893	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	604040	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	306922	20.00	ng		0.00
64) Phenanthrene-d10	11.22	188	584454	20.00	ng		0.00
76) Chrysene-d12	13.86	240	448707	20.00	ng		0.01
86) Perylene-d12	15.27	264	451947	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	883933	92.97	ng		0.02
7) Phenol-d6	6.35	99	1066196	87.85	ng		0.00
23) Nitrobenzene-d5	7.27	82	745229	69.78	ng		0.00
42) 2,4,6-Tribromophenol	10.53	330	330853	92.50	ng		0.01
45) 2-Fluorobiphenyl	9.06	172	1313620	81.65	ng		0.00
79) Terphenyl-d14	12.80	244	1302891	56.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	233824	54.350	ng		99
3) Pyridine	3.14	79	337906	29.264	ng		98
4) n-Nitrosodimethylamine	3.09	42	186034	39.584	ng		100
6) Aniline	6.36	93	463319	33.061	ng	#	67
8) 2-Chlorophenol	6.49	128	416999	41.966	ng		99
9) Benzaldehyde	6.25	77	268188	39.279	ng		96
10) Phenol	6.36	94	464300	36.485	ng		97
11) bis(2-Chloroethyl)ether	6.44	93	388415	39.630	ng		96
12) 1,3-Dichlorobenzene	6.64	146	414772	37.257	ng		99
13) 1,4-Dichlorobenzene	6.72	146	413616	36.803	ng		99
14) 1,2-Dichlorobenzene	6.87	146	399331	37.311	ng		97
15) Benzyl Alcohol	6.85	79	328640	45.004	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.97	45	523808	36.297	ng		73
17) 2-Methylphenol	6.97	107	328366	40.050	ng		96
18) Hexachloroethane	7.20	117	153753	36.742	ng		97
19) n-Nitroso-di-n-propylamine	7.12	70	252607	38.700	ng		99
20) 3+4-Methylphenols	7.12	107	379989	47.189	ng		91
22) Acetophenone	7.11	105	524316	37.128	ng		97
24) Nitrobenzene	7.29	77	413121	37.952	ng		98
25) Isophorone	7.53	82	765815	39.401	ng		99
26) 2-Nitrophenol	7.60	139	226153	40.509	ng		95
27) 2,4-Dimethylphenol	7.65	122	359368	45.112	ng		98
28) bis(2-Chloroethoxy)methane	7.74	93	487830	36.870	ng		98
29) 2,4-Dichlorophenol	7.85	162	334580	38.469	ng		98
30) 1,2,4-Trichlorobenzene	7.93	180	365117	36.711	ng		99
31) Naphthalene	8.00	128	1133107	37.692	ng		99
32) Benzoic acid	7.80	122	171765	30.584	ng		99
33) 4-Chloroaniline	8.06	127	423933	31.846	ng		98
34) Hexachlorobutadiene	8.12	225	207235	35.209	ng		99
35) Caprolactam	8.44	113	122586m	43.036	ng		
36) 4-Chloro-3-methylphenol	8.55	107	348958	39.670	ng		99
37) 2-Methylnaphthalene	8.69	142	758479	38.926	ng		99
38) 1-Methylnaphthalene	8.79	142	713420	38.507	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	355220	38.995	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	302451	83.538	ng	99
43) 2,4,6-Trichlorophenol	8.97	196	241795	38.826	ng	99
44) 2,4,5-Trichlorophenol	9.02	196	256322	40.006	ng	98
46) 1,1'-Biphenyl	9.16	154	916626	39.846	ng	100
47) 2-Chloronaphthalene	9.18	162	703998	37.146	ng	99
48) 2-Nitroaniline	9.29	65	229196	38.409	ng	89
49) Acenaphthylene	9.60	152	1118339	39.728	ng	99
50) Dimethylphthalate	9.46	163	852069	38.159	ng	100
51) 2,6-Dinitrotoluene	9.53	165	191533	40.164	ng	94
52) Acenaphthene	9.77	154	650426	38.027	ng	98
53) 3-Nitroaniline	9.69	138	168292	28.211	ng	93
54) 2,4-Dinitrophenol	9.82	184	188780	82.113	ng	93
55) Dibenzofuran	9.94	168	952257	43.431	ng	99
56) 4-Nitrophenol	9.88	139	270039	73.398	ng	93
57) 2,4-Dinitrotoluene	9.93	165	227436	39.094	ng	88
58) Fluorene	10.29	166	724632	45.146	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.06	232	212134	38.731	ng	99
60) Diethylphthalate	10.16	149	822945	37.742	ng	99
61) 4-Chlorophenyl-phenylether	10.27	204	360597	44.536	ng	99
62) 4-Nitroaniline	10.32	138	220636	36.096	ng	97
63) Azobenzene	10.43	77	784104	38.717	ng	99
65) 4,6-Dinitro-2-methylphenol	10.35	198	137452	43.976	ng	85
66) n-Nitrosodiphenylamine	10.40	169	706445	39.186	ng	99
67) 4-Bromophenyl-phenylether	10.76	248	246223	37.979	ng	99
68) Hexachlorobenzene	10.83	284	277171	37.090	ng	96
69) Atrazine	10.93	200	205278	36.758	ng	99
70) Pentachlorophenol	11.03	266	274406	82.529	ng	99
71) Phenanthrene	11.25	178	1112553	36.780	ng	99
72) Anthracene	11.30	178	1156308	39.697	ng	99
73) Carbazole	11.45	167	1100128	39.574	ng	100
74) Di-n-butylphthalate	11.78	149	1278734	38.146	ng	100
75) Fluoranthene	12.43	202	1242818	37.854	ng	98
77) Benzidine	12.56	184	798611	64.601	ng	100
78) Pyrene	12.66	202	1270471	37.693	ng	100
80) Butylbenzylphthalate	13.27	149	561677	38.782	ng	98
81) Benzo(a)anthracene	13.85	228	1013783	36.376	ng	99
82) 3,3'-Dichlorobenzidine	13.81	252	355389	33.212	ng	100
83) Chrysene	13.89	228	1068264	37.478	ng	99
84) Bis(2-ethylhexyl)phthalate	13.83	149	669778	39.325	ng	100
85) Di-n-octyl phthalate	14.45	149	1314810	41.714	ng	99
87) Indeno(1,2,3-cd)pyrene	16.64	276	1096410	39.742	ng	100
88) Benzo(b)fluoranthene	14.87	252	1068037	36.580	ng	100
89) Benzo(k)fluoranthene	14.90	252	1034180	40.238	ng	100
90) Benzo(a)pyrene	15.21	252	966584	38.314	ng	100
91) Dibenzo(a,h)anthracene	16.65	278	906393	40.071	ng	99
92) Benzo(g,h,i)perylene	17.05	276	919781	41.594	ng	100

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

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