Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
Data File : BF118278.D
Acq On : 19 Dec 2019 14:38
Operator : JU
Sample : PB125583BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB125583BS

Manual Integrations APPROVED
Sohil
12/20/2019 4:26:17 PM

Quant Time: Dec 20 02:55:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	116177	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	473693	20.00	ng	-0.01
39) Acenaphthene-d10	9.91	164	252128	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	472492	20.00	ng	0.00
76) Chrysene-d12	14.06	240	292171	20.00	ng	-0.01
87) Perylene-d12	15.54	264	208508	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	756337	114.02	ng	0.00
7) Phenol-d6	6.50	99	913978	113.92	ng	0.00
23) Nitrobenzene-d5	7.43	82	610680	72.53	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	331159	108.12	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	1277907	77.12	ng	-0.01
79) Terphenyl-d14	12.99	244	1442716	84.91	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.70	88	105209	37.617	ng	98
3) Pyridine	3.46	79	241687	33.494	ng	98
4) n-Nitrosodimethylamine	3.41	42	128441	41.376	ng	97
6) Aniline	6.52	93	332218	32.371	ng	98
8) 2-Chlorophenol	6.65	128	342076	45.736	ng	96
9) Benzaldehyde	6.41	77	183399	46.009	ng	96
10) Phenol	6.51	94	395264	43.200	ng	97
11) bis(2-Chloroethyl)ether	6.60	93	294734	44.539	ng	92
12) 1,3-Dichlorobenzene	6.80	146	360943	41.311	ng	98
13) 1,4-Dichlorobenzene	6.87	146	371039	42.173	ng	98
14) 1,2-Dichlorobenzene	7.03	146	348552	42.186	ng	100
15) Benzyl Alcohol	7.00	79	275577	44.003	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	327332	41.140	ng	94
17) 2-Methylphenol	7.12	107	269244	45.260	ng	98
18) Hexachloroethane	7.37	117	133127	41.065	ng	94
19) n-Nitroso-di-n-propylamine	7.27	70	215154	44.132	ng	100
20) 3+4-Methylphenols	7.27	107	339975	45.499	ng	93
22) Acetophenone	7.27	105	450404	39.577	ng	98
24) Nitrobenzene	7.45	77	332122	40.147	ng	99
25) Isophorone	7.69	82	597551	41.864	ng	100
26) 2-Nitrophenol	7.76	139	188720	42.681	ng	97
27) 2,4-Dimethylphenol	7.80	122	288499	48.915	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	370785	39.754	ng	99
29) 2,4-Dichlorophenol	8.01	162	287012	41.743	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	315012	39.204	ng	99
31) Naphthalene	8.17	128	983115	41.325	ng	100
32) Benzoic acid	7.94	122	196632	36.924	ng	97
33) 4-Chloroaniline	8.22	127	208664	20.314	ng	98
34) Hexachlorobutadiene	8.28	225	183673	38.120	ng	98
35) Caprolactam	8.59	113	87186m	41.118	ng	
36) 4-Chloro-3-methylphenol	8.71	107	302636	41.826	ng	98
37) 2-Methylnaphthalene	8.86	142	685973	42.591	ng	100
38) 1-Methylnaphthalene	8.96	142	645306	42.672	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	299844	39.257	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	259742	75.901	ng		98
43) 2,4,6-Trichlorophenol	9.15	196	204111	40.024	ng		97
44) 2,4,5-Trichlorophenol	9.19	196	218874	41.426	ng		99
46) 1,1'-Biphenyl	9.33	154	821667	41.321	ng		100
47) 2-Chloronaphthalene	9.36	162	632836	39.563	ng		98
48) 2-Nitroaniline	9.45	65	171405	37.576	ng		98
49) Acenaphthylene	9.77	152	1000923	42.425	ng		100
50) Dimethylphthalate	9.63	163	752475	40.405	ng		98
51) 2,6-Dinitrotoluene	9.70	165	164565	40.638	ng		91
52) Acenaphthene	9.95	154	578962	40.205	ng		98
53) 3-Nitroaniline	9.87	138	109757	23.031	ng		97
54) 2,4-Dinitrophenol	9.98	184	156215	77.538	ng		96
55) Dibenzofuran	10.12	168	887366	42.055	ng		99
56) 4-Nitrophenol	10.04	139	240434	72.698	ng		97
57) 2,4-Dinitrotoluene	10.10	165	220179	40.736	ng		97
58) Fluorene	10.46	166	691257	41.224	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	180988	41.521	ng		99
60) Diethylphthalate	10.33	149	749245	40.834	ng		98
61) 4-Chlorophenyl-phenylether	10.45	204	346962	41.124	ng		100
62) 4-Nitroaniline	10.49	138	163058	32.806	ng		99
63) Azobenzene	10.61	77	649677	41.477	ng		99
65) 4,6-Dinitro-2-methylphenol	10.52	198	113177	43.374	ng		98
66) n-Nitrosodiphenylamine	10.57	169	613604	41.586	ng		100
67) 4-Bromophenyl-phenylether	10.95	248	216827	40.201	ng		99
68) Hexachlorobenzene	11.02	284	250676	39.487	ng	#	92
69) Atrazine	11.10	200	209605	60.695	ng		96
70) Pentachlorophenol	11.21	266	237823	79.660	ng		99
71) Phenanthrene	11.43	178	1008028	40.133	ng		100
72) Anthracene	11.48	178	1044784	41.698	ng		99
73) Carbazole	11.64	167	874897	38.917	ng		99
74) Di-n-butylphthalate	11.96	149	1168764	41.541	ng		98
75) Fluoranthene	12.62	202	1012084	39.412	ng		97
77) Benzidine	12.75	184	264053	34.331	ng		98
78) Pyrene	12.85	202	1005299	43.662	ng		99
80) Butylbenzylphthalate	13.46	149	442553	42.442	ng		98
81) Benzo(a)anthracene	14.04	228	801060	39.651	ng		99
82) 3,3'-Dichlorobenzidine	14.00	252	224538	33.841	ng		97
83) Chrysene	14.09	228	787266	40.795	ng		100
84) Bis(2-ethylhexyl)phthalate	14.02	149	592808	43.115	ng		99
85) Di-n-octyl phthalate	14.64	149	872659	41.898	ng		100
86) Indeno(1,2,3-cd)pyrene	17.06	276	616568	37.972	ng		100
88) Benzo(b)fluoranthene	15.11	252	627765	45.523	ng		98
89) Benzo(k)fluoranthene	15.14	252	649574	49.033	ng		99
90) Benzo(a)pyrene	15.49	252	546201	44.847	ng		98
91) Dibenzo(a,h)anthracene	17.07	278	522223	49.992	ng		99
92) Benzo(g,h,i)perylene	17.51	276	522097	52.011	ng		98

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

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