Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102119\
Data File : BF117450.D
Acq On : 21 Oct 2019 16:36
Operator : JU
Sample : PB124147BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB124147BS

Manual Integrations APPROVED
mohammad
10/22/2019 3:29:11 PM

Quant Time: Oct 22 02:03:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	53186	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	243389	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	128126	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	210430	20.00	ng		0.00
76) Chrysene-d12	13.90	240	143123	20.00	ng		0.00
87) Perylene-d12	15.34	264	87411	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	405550	113.44	ng		0.01
7) Phenol-d6	6.39	99	541809	112.84	ng		0.00
23) Nitrobenzene-d5	7.30	82	285498	57.91	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	117245	105.76	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	542501	59.66	ng		0.00
79) Terphenyl-d14	12.83	244	523276	59.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	53306	35.465	ng	#	96
3) Pyridine	3.24	79	110793	30.111	ng		98
4) n-Nitrosodimethylamine	3.18	42	54960	41.172	ng		96
6) Aniline	6.40	93	148187	26.287	ng	#	72
8) 2-Chlorophenol	6.53	128	163767	43.412	ng		95
9) Benzaldehyde	6.29	77	62013	23.608	ng		96
10) Phenol	6.40	94	209231	42.693	ng		81
11) bis(2-Chloroethyl)ether	6.47	93	164449	45.366	ng		99
12) 1,3-Dichlorobenzene	6.67	146	161310	38.318	ng		98
13) 1,4-Dichlorobenzene	6.75	146	167996	39.338	ng		98
14) 1,2-Dichlorobenzene	6.90	146	159561	39.637	ng		99
15) Benzyl Alcohol	6.89	79	148929	43.413	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	155356	39.729	ng		76
17) 2-Methylphenol	7.00	107	135789	43.756	ng		96
18) Hexachloroethane	7.24	117	64935	38.956	ng		95
19) n-Nitroso-di-n-propylamine	7.15	70	126578	43.164	ng		96
20) 3+4-Methylphenols	7.16	107	178503	43.871	ng	#	87
22) Acetophenone	7.15	105	243138	37.621	ng	#	99
24) Nitrobenzene	7.32	77	185186	39.217	ng		98
25) Isophorone	7.56	82	344266	40.366	ng		99
26) 2-Nitrophenol	7.64	139	86451	41.049	ng		97
27) 2,4-Dimethylphenol	7.68	122	145066	46.090	ng		99
28) bis(2-Chloroethoxy)methane	7.77	93	205201	38.992	ng		99
29) 2,4-Dichlorophenol	7.89	162	136650	41.393	ng		99
30) 1,2,4-Trichlorobenzene	7.96	180	135188	38.160	ng		97
31) Naphthalene	8.04	128	477764	39.602	ng		99
32) Benzoic acid	7.85	122	88132	40.881	ng		96
33) 4-Chloroaniline	8.09	127	129049	25.346	ng		99
34) Hexachlorobutadiene	8.15	225	73533	35.861	ng		99
35) Caprolactam	8.47	113	48358m	45.599	ng		
36) 4-Chloro-3-methylphenol	8.59	107	159554	42.378	ng		100
37) 2-Methylnaphthalene	8.73	142	333688	41.049	ng		99
38) 1-Methylnaphthalene	8.83	142	311518	40.782	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	126700	36.715	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	57973	67.213	ng		96
43) 2,4,6-Trichlorophenol	9.02	196	85733	39.672	ng		98
44) 2,4,5-Trichlorophenol	9.06	196	93762	42.816	ng		95
46) 1,1'-Biphenyl	9.19	154	393522	37.100	ng		99
47) 2-Chloronaphthalene	9.22	162	304117	38.026	ng		99
48) 2-Nitroaniline	9.32	65	100601	38.318	ng		94
49) Acenaphthylene	9.63	152	473911	40.343	ng		99
50) Dimethylphthalate	9.50	163	362584	39.696	ng		98
51) 2,6-Dinitrotoluene	9.56	165	77909	40.875	ng		94
52) Acenaphthene	9.80	154	279854	38.830	ng		99
53) 3-Nitroaniline	9.73	138	61116	26.427	ng		99
54) 2,4-Dinitrophenol	9.86	184	62657	79.492	ng		94
55) Dibenzofuran	9.97	168	425532	40.753	ng		98
56) 4-Nitrophenol	9.92	139	91723	85.843	ng		92
57) 2,4-Dinitrotoluene	9.97	165	101512	40.058	ng		92
58) Fluorene	10.32	166	349436	40.468	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.10	232	74217	43.121	ng		98
60) Diethylphthalate	10.19	149	377108	40.818	ng		97
61) 4-Chlorophenyl-phenylether	10.30	204	155729	40.198	ng		98
62) 4-Nitroaniline	10.36	138	75241	34.517	ng		98
63) Azobenzene	10.47	77	391042	41.347	ng		99
65) 4,6-Dinitro-2-methylphenol	10.39	198	46869	43.808	ng		94
66) n-Nitrosodiphenylamine	10.43	169	303244	39.419	ng		99
67) 4-Bromophenyl-phenylether	10.79	248	86688	38.246	ng		98
68) Hexachlorobenzene	10.87	284	88793	36.580	ng		98
69) Atrazine	10.96	200	93798	47.923	ng		94
70) Pentachlorophenol	11.07	266	73123	100.487	ng		98
71) Phenanthrene	11.28	178	473567	38.757	ng		98
72) Anthracene	11.33	178	496632	39.612	ng		99
73) Carbazole	11.49	167	449994	39.275	ng		99
74) Di-n-butylphthalate	11.81	149	615807	40.225	ng		99
75) Fluoranthene	12.47	202	478505	39.119	ng		98
77) Benzidine	12.59	184	96111	19.827	ng		99
78) Pyrene	12.70	202	484869	39.441	ng		98
80) Butylbenzylphthalate	13.30	149	237472	38.818	ng		98
81) Benzo(a)anthracene	13.89	228	373555	38.693	ng		98
82) 3,3'-Dichlorobenzidine	13.84	252	101092	33.370	ng		98
83) Chrysene	13.93	228	362015	38.261	ng		99
84) Bis(2-ethylhexyl)phthalate	13.87	149	347315	40.529	ng	#	95
85) Di-n-octyl phthalate	14.49	149	543326	41.237	ng		97
86) Indeno(1,2,3-cd)pyrene	16.76	276	245709	34.782	ng		99
88) Benzo(b)fluoranthene	14.94	252	294280m	57.012	ng		
89) Benzo(k)fluoranthene	14.96	252	274296	51.847	ng		98
90) Benzo(a)pyrene	15.29	252	239642	51.063	ng		97
91) Dibenzo(a,h)anthracene	16.76	278	208414	51.359	ng		97
92) Benzo(g,h,i)perylene	17.17	276	203142	52.908	ng		100

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

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