Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
Data File : BF115907.D
Acq On : 1 Aug 2019 14:59
Operator : HP/JU
Sample : K4066-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1-AMSD

Manual Integrations APPROVED
mohammad
8/5/2019 1:48:06 PM

Quant Time: Aug 02 05:32:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	148110	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	573290	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	296052	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	463415	20.00	ng		0.00
76) Chrysene-d12	14.03	240	290572	20.00	ng		0.00
87) Perylene-d12	15.50	264	356520	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	776851	87.81	ng		0.01
7) Phenol-d6	6.49	99	1031915	92.44	ng		0.00
23) Nitrobenzene-d5	7.42	82	643462	64.79	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	239308	83.37	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1037656	65.65	ng		0.00
79) Terphenyl-d14	12.96	244	868346	62.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	138707	31.034	ng		98
3) Pyridine	3.42	79	373439	29.910	ng		100
4) n-Nitrosodimethylamine	3.36	42	168714	34.241	ng		99
6) Aniline	6.52	93	245230	15.340	ng		92
8) 2-Chlorophenol	6.65	128	365997	37.410	ng		97
9) Benzaldehyde	6.40	77	211081	27.406	ng		100
10) Phenol	6.50	94	464345	35.325	ng		98
11) bis(2-Chloroethyl)ether	6.59	93	347855	35.994	ng		99
12) 1,3-Dichlorobenzene	6.80	146	388940	34.399	ng		100
13) 1,4-Dichlorobenzene	6.87	146	396739	35.045	ng		99
14) 1,2-Dichlorobenzene	7.03	146	371033	35.593	ng		99
15) Benzyl Alcohol	7.00	79	319333	37.696	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	461134	34.982	ng		96
17) 2-Methylphenol	7.11	107	306503	36.999	ng		99
18) Hexachloroethane	7.37	117	139711	33.519	ng		97
19) n-Nitroso-di-n-propylamine	7.27	70	245915	35.552	ng		100
20) 3+4-Methylphenols	7.26	107	373181	38.067	ng	#	79
22) Acetophenone	7.26	105	489089	38.900	ng		98
24) Nitrobenzene	7.43	77	401563	37.445	ng		99
25) Isophorone	7.67	82	711299	37.455	ng		100
26) 2-Nitrophenol	7.75	139	194719	38.520	ng		99
27) 2,4-Dimethylphenol	7.79	122	325616	42.814	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	435970	37.038	ng		99
29) 2,4-Dichlorophenol	8.00	162	310859	38.712	ng		97
30) 1,2,4-Trichlorobenzene	8.08	180	333644	36.449	ng		100
31) Naphthalene	8.16	128	1037716	38.466	ng		100
32) Benzoic acid	7.91	122	104657	19.518	ng		99
33) 4-Chloroaniline	8.20	127	97626	8.099	ng		99
34) Hexachlorobutadiene	8.27	225	185774	35.235	ng		98
35) Caprolactam	8.58	113	96219m	37.048	ng		
36) 4-Chloro-3-methylphenol	8.70	107	323222	38.691	ng		97
37) 2-Methylnaphthalene	8.85	142	691913	38.943	ng		99
38) 1-Methylnaphthalene	8.95	142	645300	38.391	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	310067	39.176	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	93255	30.225	ng		99
43) 2,4,6-Trichlorophenol	9.13	196	202474	37.166	ng		99
44) 2,4,5-Trichlorophenol	9.18	196	217005	38.535	ng		99
46) 1,1'-Biphenyl	9.32	154	818422	39.157	ng		99
47) 2-Chloronaphthalene	9.35	162	646640	37.172	ng		99
48) 2-Nitroaniline	9.44	65	207791	36.137	ng		96
49) Acenaphthylene	9.76	152	1006229	39.648	ng		100
50) Dimethylphthalate	9.62	163	903546	44.824	ng		99
51) 2,6-Dinitrotoluene	9.68	165	167541	38.246	ng		95
52) Acenaphthene	9.93	154	591797	38.010	ng		100
53) 3-Nitroaniline	9.85	138	91843	16.968	ng		90
54) 2,4-Dinitrophenol	9.96	184	57655	31.162	ng		97
55) Dibenzofuran	10.10	168	888785	39.253	ng		99
56) 4-Nitrophenol	10.02	139	254720	73.460	ng		98
57) 2,4-Dinitrotoluene	10.09	165	216921	37.192	ng		93
58) Fluorene	10.45	166	673758	38.676	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.23	232	174136	36.755	ng		97
60) Diethylphthalate	10.32	149	712096	37.837	ng		100
61) 4-Chlorophenyl-phenylether	10.43	204	333214	37.768	ng		98
62) 4-Nitroaniline	10.46	138	150845	26.966	ng		99
63) Azobenzene	10.60	77	724904	37.448	ng		94
65) 4,6-Dinitro-2-methylphenol	10.50	198	53522	21.794	ng		88
66) n-Nitrosodiphenylamine	10.56	169	592969	42.512	ng		99
67) 4-Bromophenyl-phenylether	10.93	248	199248	40.164	ng	#	91
68) Hexachlorobenzene	11.00	284	213876	37.284	ng		97
69) Atrazine	11.08	200	178434	38.885	ng		99
70) Pentachlorophenol	11.20	266	180592	64.844	ng		97
71) Phenanthrene	11.41	178	1158004	48.880	ng		99
72) Anthracene	11.46	178	987670	41.194	ng		99
73) Carbazole	11.62	167	835526	38.411	ng		98
74) Di-n-butylphthalate	11.94	149	1043637	41.129	ng		100
75) Fluoranthene	12.60	202	1231387	49.649	ng		97
77) Benzidine	12.72	184	408140	41.576	ng		97
78) Pyrene	12.83	202	1214678	55.455	ng		99
80) Butylbenzylphthalate	13.44	149	350713	37.852	ng		99
81) Benzo(a)anthracene	14.02	228	930703	50.112	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	218157	33.810	ng		100
83) Chrysene	14.06	228	881510	48.889	ng		100
84) Bis(2-ethylhexyl)phthalate	14.00	149	476804	39.601	ng		98
85) Di-n-octyl phthalate	14.61	149	795201	41.581	ng		99
86) Indeno(1,2,3-cd)pyrene	16.99	276	807494	53.321	ng		100
88) Benzo(b)fluoranthene	15.07	252	1016268	49.299	ng		96
89) Benzo(k)fluoranthene	15.10	252	822540	40.966	ng		99
90) Benzo(a)pyrene	15.44	252	928047	50.361	ng		99
91) Dibenzo(a,h)anthracene	16.99	278	616007	38.618	ng		98
92) Benzo(g,h,i)perylene	17.43	276	642563	41.018	ng		99

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

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