Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116507.D
Acq On : 24 Aug 2019 7:48
Operator : HP/JU
Sample : K4461-04MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMS

Manual Integrations APPROVED
Jagrut
8/28/2019 8:09:10 AM

Quant Time: Aug 26 13:29:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 13:38:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	119106	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	421270	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	193062	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	291123	20.00	ng		0.00
76) Chrysene-d12	14.03	240	225434	20.00	ng		0.00
87) Perylene-d12	15.50	264	241610	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	829550	101.77	ng		0.02
7) Phenol-d6	6.52	99	1092094	109.26	ng		0.01
23) Nitrobenzene-d5	7.45	82	689796	89.58	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	168479	101.63	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	1188615	99.15	ng		0.00
79) Terphenyl-d14	12.98	244	1029319	85.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	144870	41.047	ng		97
3) Pyridine	3.50	79	333159	30.997	ng		98
4) n-Nitrosodimethylamine	3.45	42	184648	47.061	ng		100
6) Aniline	6.55	93	398277	29.433	ng		99
8) 2-Chlorophenol	6.67	128	366725	42.871	ng		99
9) Benzaldehyde	6.43	77	174301	26.100	ng		99
10) Phenol	6.53	94	497199	45.809	ng		98
11) bis(2-Chloroethyl)ether	6.62	93	381431	46.155	ng		98
12) 1,3-Dichlorobenzene	6.83	146	408859	44.159	ng		98
13) 1,4-Dichlorobenzene	6.90	146	417171	46.815	ng		99
14) 1,2-Dichlorobenzene	7.06	146	386129	45.933	ng		98
15) Benzyl Alcohol	7.02	79	337787	41.760	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	479338	41.950	ng		98
17) 2-Methylphenol	7.13	107	307917	43.445	ng		99
18) Hexachloroethane	7.40	117	129382	37.228	ng		90
19) n-Nitroso-di-n-propylamine	7.30	70	281629	41.293	ng		96
20) 3+4-Methylphenols	7.29	107	368417	42.433	ng	#	88
22) Acetophenone	7.29	105	521421	49.498	ng	#	98
24) Nitrobenzene	7.46	77	400284	50.197	ng		98
25) Isophorone	7.70	82	726453	47.874	ng		97
26) 2-Nitrophenol	7.77	139	93685	32.164	ng		97
27) 2,4-Dimethylphenol	7.82	122	311922	51.324	ng		98
28) bis(2-Chloroethoxy)methane	7.91	93	458113	48.887	ng		99
29) 2,4-Dichlorophenol	8.02	162	266082	46.037	ng		100
30) 1,2,4-Trichlorobenzene	8.11	180	335149	51.508	ng		97
31) Naphthalene	8.19	128	1036960	50.883	ng		100
32) Benzoic acid	7.88	122	81172m	20.892	ng		
33) 4-Chloroaniline	8.23	127	217845	24.350	ng		99
34) Hexachlorobutadiene	8.31	225	184387	51.961	ng		98
35) Caprolactam	8.60	113	74478	36.994	ng		89
36) 4-Chloro-3-methylphenol	8.71	107	279779	42.902	ng		96
37) 2-Methylnaphthalene	8.88	142	673335	48.121	ng		99
38) 1-Methylnaphthalene	8.97	142	630158	48.211	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	287981	55.442	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	116663	41.745	ng		98
43) 2,4,6-Trichlorophenol	9.15	196	167972	46.206	ng		97
44) 2,4,5-Trichlorophenol	9.19	196	166491	45.011	ng		95
46) 1,1'-Biphenyl	9.34	154	799539	51.798	ng		99
47) 2-Chloronaphthalene	9.36	162	603993	50.474	ng		98
48) 2-Nitroaniline	9.45	65	174836	47.718	ng		96
49) Acenaphthylene	9.78	152	904123	51.641	ng		99
50) Dimethylphthalate	9.64	163	827910	61.463	ng		100
51) 2,6-Dinitrotoluene	9.69	165	123279	44.713	ng		95
52) Acenaphthene	9.95	154	550144	48.970	ng		99
53) 3-Nitroaniline	9.86	138	161700	49.201	ng		90
54) 2,4-Dinitrophenol	9.96	184	5326	12.835	ng	#	1
55) Dibenzofuran	10.12	168	784864	50.119	ng		98
56) 4-Nitrophenol	10.01	139	138415	54.186	ng		100
57) 2,4-Dinitrotoluene	10.09	165	143339	40.857	ng		96
58) Fluorene	10.46	166	584350	48.028	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	119787	39.440	ng		96
60) Diethylphthalate	10.33	149	692925	52.339	ng		100
61) 4-Chlorophenyl-phenylether	10.46	204	292422	49.266	ng		98
62) 4-Nitroaniline	10.47	138	152317	47.388	ng		95
63) Azobenzene	10.62	77	657869	48.328	ng		99
65) 4,6-Dinitro-2-methylphenol	10.50	198	5782	11.142	ng		95
66) n-Nitrosodiphenylamine	10.57	169	540594	57.348	ng		100
67) 4-Bromophenyl-phenylether	10.95	248	169761	55.621	ng		95
68) Hexachlorobenzene	11.02	284	177691	52.638	ng		94
69) Atrazine	11.10	200	139953	49.552	ng		99
70) Pentachlorophenol	11.20	266	110849	56.282	ng		98
71) Phenanthrene	11.42	178	842965	53.153	ng		99
72) Anthracene	11.47	178	853751	53.573	ng		99
73) Carbazole	11.63	167	740483	51.765	ng		99
74) Di-n-butylphthalate	11.96	149	985436	55.593	ng		100
75) Fluoranthene	12.61	202	849034	51.782	ng		97
77) Benzidine	12.72	184	282484	31.145	ng		98
78) Pyrene	12.84	202	861851	47.806	ng		100
80) Butylbenzylphthalate	13.46	149	386288	49.614	ng		97
81) Benzo(a)anthracene	14.03	228	761055	52.125	ng		99
82) 3,3'-Dichlorobenzidine	13.98	252	235811	45.321	ng		99
83) Chrysene	14.06	228	769951	52.028	ng		100
84) Bis(2-ethylhexyl)phthalate	14.02	149	539170	51.933	ng		100
85) Di-n-octyl phthalate	14.63	149	961968	54.578	ng		100
86) Indeno(1,2,3-cd)pyrene	16.97	276	682134	53.810	ng		98
88) Benzo(b)fluoranthene	15.07	252	761979	51.052	ng		99
89) Benzo(k)fluoranthene	15.10	252	741511	54.838	ng		100
90) Benzo(a)pyrene	15.44	252	709611	53.794	ng		99
91) Dibenzo(a,h)anthracene	16.99	278	576028	53.142	ng		96
92) Benzo(g,h,i)perylene	17.42	276	539641	52.221	ng		96

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

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