Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
Data File : BF108475.D
Acq On : 24 Aug 2018 20:41
Operator : JU/SJ
Sample : J4581-11MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-C2MS

Manual Integrations APPROVED
Sohil
8/27/2018 12:56:45 PM

Quant Time: Aug 25 01:08:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	135311	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	511931	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	253875	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	488895	20.00	ng		0.00
75) Chrysene-d12	14.19	240	295432	20.00	ng		0.00
86) Perylene-d12	15.74	264	276023	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	845533	113.13	ng		0.00
7) Phenol-d6	6.63	99	1146049	115.39	ng		0.00
23) Nitrobenzene-d5	7.57	82	755185	82.32	ng		0.00
41) 2,4,6-Tribromophenol	10.84	330	327137	129.18	ng		0.00
44) 2-Fluorobiphenyl	9.36	172	1274273	80.58	ng		0.00
78) Terphenyl-d14	13.12	244	1315945	113.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.96	88	121350	31.599	ng		89
3) Pyridine	3.72	79	339064	34.274	ng		85
4) n-Nitrosodimethylamine	3.68	42	199386	35.819	ng		81
6) Aniline	6.67	93	428378	31.710	ng		97
8) 2-Chlorophenol	6.79	128	345281	41.019	ng		96
9) Benzaldehyde	6.55	77	221009	28.702	ng		95
10) Phenol	6.64	94	453906	44.183	ng		89
11) bis(2-Chloroethyl)ether	6.74	93	333770	40.187	ng		94
12) 1,3-Dichlorobenzene	6.94	146	383653	39.418	ng		98
13) 1,4-Dichlorobenzene	7.02	146	386837	39.558	ng		98
14) 1,2-Dichlorobenzene	7.17	146	364686	40.093	ng		98
15) Benzyl Alcohol	7.14	79	324325	38.790	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.27	45	638112	37.295	ng		99
17) 2-Methylphenol	7.25	107	297725	41.244	ng		95
18) Hexachloroethane	7.51	117	136523	39.215	ng		92
19) n-Nitroso-di-n-propylamine	7.41	70	260887	38.845	ng		90
20) 3+4-Methylphenols	7.40	107	367413	39.718	ng		90
22) Acetophenone	7.41	105	496770	41.500	ng	#	91
24) Nitrobenzene	7.58	77	392508	42.310	ng		95
25) Isophorone	7.82	82	712204	40.729	ng		96
26) 2-Nitrophenol	7.90	139	171615	48.985	ng		95
27) 2,4-Dimethylphenol	7.92	122	317378	40.894	ng		94
28) bis(2-Chloroethoxy)methane	8.02	93	428578	41.984	ng		99
29) 2,4-Dichlorophenol	8.14	162	309454	43.328	ng		99
30) 1,2,4-Trichlorobenzene	8.22	180	324074	41.155	ng		95
31) Naphthalene	8.31	128	997162	42.831	ng		99
32) Benzoic acid	7.99	122	12779	8.459	ng		95
33) 4-Chloroaniline	8.35	127	227477	22.420	ng		96
34) Hexachlorobutadiene	8.41	225	205925	41.309	ng		97
35) Caprolactam	8.72	113	86816m	38.789	ng		
36) 4-Chloro-3-methylphenol	8.84	107	324866	42.164	ng		100
37) 2-Methylnaphthalene	9.00	142	669435	40.641	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	339201	43.508	ng		97
40) Hexachlorocyclopentadiene	9.15	237	286023	56.799	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	225390	46.588	ng		100
43) 2,4,5-Trichlorophenol	9.32	196	240878	45.229	ng		95
45) 1,1'-Biphenyl	9.46	154	820814	43.851	ng		99
46) 2-Chloronaphthalene	9.49	162	636451	43.020	ng		100
47) 2-Nitroaniline	9.59	65	217250	45.385	ng		92
48) Acenaphthylene	9.91	152	1012917	43.308	ng		99
49) Dimethylphthalate	9.76	163	903962	51.116	ng		99
50) 2,6-Dinitrotoluene	9.83	165	165688	44.781	ng		95
51) Acenaphthene	10.08	154	590829	41.244	ng		99
52) 3-Nitroaniline	10.00	138	128227	31.675	ng		96
53) 2,4-Dinitrophenol	10.11	184	90439	66.603	ng	#	21
54) Dibenzofuran	10.25	168	873994	42.112	ng		97
55) 4-Nitrophenol	10.16	139	229099	74.734	ng	#	79
56) 2,4-Dinitrotoluene	10.24	165	219708	46.133	ng	#	99
57) Fluorene	10.60	166	692777	42.167	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.37	232	202435	45.477	ng	#	87
59) Diethylphthalate	10.46	149	728803	42.559	ng		97
60) 4-Chlorophenyl-phenylether	10.58	204	356635	41.659	ng		94
61) 4-Nitroaniline	10.62	138	169226	42.281	ng		91
62) Azobenzene	10.75	77	724315	40.957	ng		92
64) 4,6-Dinitro-2-methylphenol	10.65	198	75257	41.782	ng		80
65) n-Nitrosodiphenylamine	10.71	169	629085	43.543	ng		96
66) 4-Bromophenyl-phenylether	11.08	248	228352	42.980	ng	#	87
67) Hexachlorobenzene	11.15	284	237616	42.506	ng	#	87
68) Atrazine	11.23	200	209409	43.215	ng		96
69) Pentachlorophenol	11.34	266	219874	82.176	ng		98
70) Phenanthrene	11.57	178	980003	42.499	ng		100
71) Anthracene	11.62	178	1010030	42.736	ng		100
72) Carbazole	11.77	167	871174	41.488	ng		99
73) Di-n-butylphthalate	12.08	149	1083059	45.536	ng		99
74) Fluoranthene	12.76	202	991622	39.402	ng		96
76) Benzidine	12.88	184	318837	28.885	ng		98
77) Pyrene	12.99	202	955835	51.103	ng		100
79) Butylbenzylphthalate	13.59	149	376896	50.747	ng		94
80) Benzo(a)anthracene	14.18	228	711095	41.941	ng		98
81) 3,3'-Dichlorobenzidine	14.14	252	180258	29.667	ng	#	98
82) Chrysene	14.22	228	655863	42.194	ng		99
83) Bis(2-ethylhexyl)phthalate	14.14	149	508361	50.545	ng		99
84) Di-n-octyl phthalate	14.77	149	769370	50.159	ng		97
85) Indeno(1,2,3-cd)pyrene	17.36	276	736116	54.656	ng	#	90
87) Benzo(b)fluoranthene	15.28	252	645306	39.125	ng	#	97
88) Benzo(k)fluoranthene	15.31	252	598249	39.458	ng	#	96
89) Benzo(a)pyrene	15.68	252	603681	40.874	ng	#	97
90) Dibenzo(a,h)anthracene	17.38	278	617794	50.555	ng	#	93
91) Benzo(g,h,i)perylene	17.86	276	617085	51.282	ng	#	88

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

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