Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041019\
Data File : BF113701.D
Acq On : 10 Apr 2019 17:28
Operator : JU/SJ
Sample : K2200-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-040919-AMS

Manual Integrations APPROVED
Sohil
4/11/2019 2:39:41 PM

Quant Time: Apr 11 02:37:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	118027	20.00	ng		0.00
21) Naphthalene-d8	7.96	136	429130	20.00	ng		0.00
39) Acenaphthene-d10	9.71	164	202517	20.00	ng		-0.01
64) Phenanthrene-d10	11.19	188	353383	20.00	ng		-0.01
76) Chrysene-d12	13.83	240	264914	20.00	ng		-0.02
87) Perylene-d12	15.23	264	268647	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	849270	122.70	ng		0.01
7) Phenol-d6	6.34	99	1010759	118.48	ng		0.00
23) Nitrobenzene-d5	7.25	82	718652	98.09	ng		0.00
42) 2,4,6-Tribromophenol	10.50	330	336305	138.24	ng		-0.01
45) 2-Fluorobiphenyl	9.04	172	1300787	103.40	ng		-0.01
79) Terphenyl-d14	12.77	244	1158037	89.00	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	114097	34.805	ng	#	84
3) Pyridine	3.16	79	240373	28.019	ng		97
4) n-Nitrosodimethylamine	3.06	42	141882	38.924	ng		96
6) Aniline	6.35	93	67835	6.560	ng	#	1
8) 2-Chlorophenol	6.47	128	330578	41.281	ng		96
9) Benzaldehyde	6.23	77	148231	29.223	ng		98
10) Phenol	6.35	94	336194	34.506	ng		78
11) bis(2-Chloroethyl)ether	6.42	93	314191	41.456	ng		99
12) 1,3-Dichlorobenzene	6.62	146	334493	38.787	ng		97
13) 1,4-Dichlorobenzene	6.70	146	339174	38.919	ng		98
14) 1,2-Dichlorobenzene	6.85	146	317914	40.414	ng		97
15) Benzyl Alcohol	6.84	79	253362	43.925	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.96	45	473501	40.138	ng		55
17) 2-Methylphenol	6.96	107	265072	42.712	ng	#	89
18) Hexachloroethane	7.19	117	115890	36.534	ng		97
19) n-Nitroso-di-n-propylamine	7.10	70	231006	43.914	ng		99
20) 3+4-Methylphenols	7.12	107	344085	45.759	ng	#	90
22) Acetophenone	7.09	105	456193	48.402	ng	#	98
24) Nitrobenzene	7.27	77	344167	45.617	ng		99
25) Isophorone	7.51	82	626857	44.418	ng		99
26) 2-Nitrophenol	7.59	139	181129	44.607	ng		92
27) 2,4-Dimethylphenol	7.63	122	301497	51.937	ng		99
28) bis(2-Chloroethoxy)methane	7.72	93	402451	45.105	ng		100
29) 2,4-Dichlorophenol	7.84	162	297614	47.917	ng		98
30) 1,2,4-Trichlorobenzene	7.90	180	300910	44.613	ng		99
31) Naphthalene	7.98	128	971421	46.720	ng		99
32) Benzoic acid	7.78	122	97510	21.692	ng		98
33) 4-Chloroaniline	8.05	127	35674	4.327	ng		98
34) Hexachlorobutadiene	8.10	225	176143	42.834	ng		98
35) Caprolactam	8.42	113	64971m	32.953	ng		
36) 4-Chloro-3-methylphenol	8.55	107	291245	46.712	ng		98
37) 2-Methylnaphthalene	8.67	142	647471	47.347	ng		99
38) 1-Methylnaphthalene	8.77	142	611710	46.390	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	308871	47.159	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	57974	34.437 ng	97
43) 2,4,6-Trichlorophenol	8.96	196	197771	47.837 ng	99
44) 2,4,5-Trichlorophenol	9.02	196	211076	47.556 ng	97
46) 1,1'-Biphenyl	9.14	154	800208	47.884 ng	99
47) 2-Chloronaphthalene	9.16	162	600469	47.457 ng	98
48) 2-Nitroaniline	9.27	65	187840	48.517 ng	93
49) Acenaphthylene	9.57	152	956172	46.473 ng	99
50) Dimethylphthalate	9.44	163	705225	47.241 ng	100
51) 2,6-Dinitrotoluene	9.51	165	154326	46.899 ng	90
52) Acenaphthene	9.75	154	558198	47.395 ng	100
53) 3-Nitroaniline	9.68	138	30962	8.276 ng	96
54) 2,4-Dinitrophenol	9.80	184	51102	33.194 ng	95
55) Dibenzofuran	9.92	168	824334	47.714 ng	99
56) 4-Nitrophenol	9.87	139	142023	61.196 ng	91
57) 2,4-Dinitrotoluene	9.92	165	189216	47.545 ng	98
58) Fluorene	10.26	166	647289	47.370 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	178762	46.529 ng	97
60) Diethylphthalate	10.14	149	679965	47.243 ng	98
61) 4-Chlorophenyl-phenylether	10.25	204	323092	48.071 ng	94
62) 4-Nitroaniline	10.29	138	128841	33.866 ng	98
63) Azobenzene	10.41	77	617874	45.339 ng	98
65) 4,6-Dinitro-2-methylphenol	10.33	198	37180	19.985 ng	87
66) n-Nitrosodiphenylamine	10.37	169	588267	54.225 ng	100
67) 4-Bromophenyl-phenylether	10.74	248	200367	50.555 ng	93
68) Hexachlorobenzene	10.82	284	221666	48.811 ng	99
69) Atrazine	10.90	200	171442	50.138 ng	97
70) Pentachlorophenol	11.02	266	165419	77.302 ng	99
71) Phenanthrene	11.22	178	859303	48.936 ng	99
72) Anthracene	11.27	178	894953	50.093 ng	99
73) Carbazole	11.43	167	800049	47.879 ng	100
74) Di-n-butylphthalate	11.75	149	967544	48.675 ng	100
75) Fluoranthene	12.40	202	830861	44.156 ng	99
77) Benzidine	12.53	184	159014	16.141 ng	97
78) Pyrene	12.63	202	834447	41.397 ng	99
80) Butylbenzylphthalate	13.24	149	344885	42.033 ng	95
81) Benzo(a)anthracene	13.82	228	715158	46.798 ng	99
82) 3,3'-Dichlorobenzidine	13.77	252	110429	18.761 ng	98
83) Chrysene	13.85	228	730167	47.134 ng	99
84) Bis(2-ethylhexyl)phthalate	13.80	149	446924	45.051 ng	99
85) Di-n-octyl phthalate	14.41	149	801805	49.723 ng	100
86) Indeno(1,2,3-cd)pyrene	16.60	276	657328	45.958 ng	99
88) Benzo(b)fluoranthene	14.84	252	767092	46.647 ng	99
89) Benzo(k)fluoranthene	14.86	252	744055	50.415 ng	98
90) Benzo(a)pyrene	15.18	252	723006	49.478 ng	100
91) Dibenzo(a,h)anthracene	16.60	278	569432	41.671 ng	99
92) Benzo(g,h,i)perylene	17.00	276	532505	38.179 ng	97

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

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