Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
Data File : BF113995.D
Acq On : 25 Apr 2019 23:05
Operator : JU/SJ
Sample : K2522-07MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-WOODBURYMS

Manual Integrations APPROVED
Sohil
4/29/2019 5:49:52 AM

Quant Time: Apr 26 06:30:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	111950	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	434605	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	235217	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	502702	20.00	ng		0.00
76) Chrysene-d12	14.06	240	433812	20.00	ng		0.00
87) Perylene-d12	15.54	264	418516	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	689022	105.27	ng		0.00
7) Phenol-d6	6.53	99	907752	110.54	ng		0.00
23) Nitrobenzene-d5	7.46	82	544889	77.41	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	340929	118.98	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1094549	72.78	ng		0.00
79) Terphenyl-d14	13.00	244	1497903	70.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	90953	29.478	ng		97
3) Pyridine	3.45	79	245755	29.180	ng		97
4) n-Nitrosodimethylamine	3.39	42	93958	32.591	ng		100
6) Aniline	6.56	93	282179	25.024	ng		100
8) 2-Chlorophenol	6.69	128	265373	35.511	ng		94
9) Benzaldehyde	6.44	77	67312	9.875	ng		97
10) Phenol	6.54	94	347917	35.431	ng		98
11) bis(2-Chloroethyl)ether	6.63	93	263092	35.604	ng		96
12) 1,3-Dichlorobenzene	6.84	146	295693	34.937	ng		98
13) 1,4-Dichlorobenzene	6.92	146	300875	35.344	ng		99
14) 1,2-Dichlorobenzene	7.07	146	285566	36.501	ng		99
15) Benzyl Alcohol	7.03	79	224244	40.545	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	294037	34.087	ng		93
17) 2-Methylphenol	7.15	107	237685	36.285	ng		98
18) Hexachloroethane	7.41	117	102686	34.411	ng		93
19) n-Nitroso-di-n-propylamine	7.30	70	187365	35.232	ng		97
20) 3+4-Methylphenols	7.30	107	285722	38.607	ng	#	74
22) Acetophenone	7.30	105	379298	39.219	ng	#	97
24) Nitrobenzene	7.47	77	292668	37.630	ng		98
25) Isophorone	7.72	82	523093	36.319	ng		99
26) 2-Nitrophenol	7.79	139	145451	40.993	ng		99
27) 2,4-Dimethylphenol	7.83	122	231754	40.089	ng		97
28) bis(2-Chloroethoxy)methane	7.92	93	331985	36.173	ng		99
29) 2,4-Dichlorophenol	8.03	162	252165	38.145	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	272203	36.929	ng		99
31) Naphthalene	8.20	128	790612	38.293	ng		99
32) Benzoic acid	7.92	122	55484	14.212	ng		98
33) 4-Chloroaniline	8.24	127	178703	20.456	ng		98
34) Hexachlorobutadiene	8.32	225	161304	35.104	ng		99
35) Caprolactam	8.60	113	78982m	37.558	ng		
36) 4-Chloro-3-methylphenol	8.73	107	254998	38.935	ng		98
37) 2-Methylnaphthalene	8.89	142	545739	39.198	ng		100
38) 1-Methylnaphthalene	8.99	142	511008	38.028	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	278280	36.421	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	261422	61.356	ng		100
43) 2,4,6-Trichlorophenol	9.17	196	191566	39.484	ng		97
44) 2,4,5-Trichlorophenol	9.21	196	211630	38.889	ng		98
46) 1,1'-Biphenyl	9.36	154	680868	37.892	ng		98
47) 2-Chloronaphthalene	9.38	162	549451	37.601	ng		99
48) 2-Nitroaniline	9.47	65	157242	41.048	ng		94
49) Acenaphthylene	9.80	152	856088	37.422	ng		97
50) Dimethylphthalate	9.65	163	870000	51.142	ng		100
51) 2,6-Dinitrotoluene	9.71	165	151661	41.556	ng		95
52) Acenaphthene	9.97	154	553858	40.967	ng		97
53) 3-Nitroaniline	9.88	138	113211	29.520	ng	#	89
54) 2,4-Dinitrophenol	9.99	184	120774	76.853	ng	#	4
55) Dibenzofuran	10.14	168	782763	38.653	ng		99
56) 4-Nitrophenol	10.04	139	256231	84.384	ng		94
57) 2,4-Dinitrotoluene	10.12	165	208138	45.183	ng		95
58) Fluorene	10.48	166	603575	39.587	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	193528	40.467	ng		99
60) Diethylphthalate	10.35	149	645795	39.977	ng		98
61) 4-Chlorophenyl-phenylether	10.47	204	312106	38.653	ng		97
62) 4-Nitroaniline	10.49	138	160003	42.753	ng		99
63) Azobenzene	10.63	77	589212	37.634	ng		96
65) 4,6-Dinitro-2-methylphenol	10.53	198	89185	40.122	ng		92
66) n-Nitrosodiphenylamine	10.59	169	558549	37.030	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	209002	34.416	ng		95
68) Hexachlorobenzene	11.03	284	230147	34.487	ng		100
69) Atrazine	11.12	200	197246	40.199	ng		98
70) Pentachlorophenol	11.23	266	271678	71.903	ng		97
71) Phenanthrene	11.45	178	976840	38.666	ng		99
72) Anthracene	11.49	178	985270	38.620	ng		98
73) Carbazole	11.65	167	905373	39.778	ng		99
74) Di-n-butylphthalate	11.97	149	1041529	38.901	ng		99
75) Fluoranthene	12.63	202	1105047	40.091	ng		97
77) Benzidine	12.75	184	336991	26.071	ng		97
78) Pyrene	12.86	202	1123665	37.039	ng		98
80) Butylbenzylphthalate	13.47	149	472020	39.546	ng		96
81) Benzo(a)anthracene	14.05	228	1020675	39.933	ng		99
82) 3,3'-Dichlorobenzidine	14.00	252	303678	32.416	ng		98
83) Chrysene	14.09	228	1005014	40.374	ng		98
84) Bis(2-ethylhexyl)phthalate	14.03	149	659584	43.432	ng		99
85) Di-n-octyl phthalate	14.66	149	1130303	47.551	ng		100
86) Indeno(1,2,3-cd)pyrene	17.04	276	939186	39.832	ng		98
88) Benzo(b)fluoranthene	15.12	252	1002535	37.861	ng		99
89) Benzo(k)fluoranthene	15.14	252	931014	40.876	ng		99
90) Benzo(a)pyrene	15.49	252	900764	39.329	ng		99
91) Dibenzo(a,h)anthracene	17.06	278	788856	36.691	ng		99
92) Benzo(g,h,i)perylene	17.49	276	775259	35.732	ng		98

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

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