Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111828.D
Acq On : 3 Jan 2019 18:33
Operator : JU/SJ
Sample : K1017-17MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5MS

Manual Integrations APPROVED
Sohil
1/4/2019 9:56:41 AM

Quant Time: Jan 04 03:01:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	283897	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	1070053	20.00	ng		0.00
39) Acenaphthene-d10	9.95	164	498614	20.00	ng		0.01
64) Phenanthrene-d10	11.43	188	603755	20.00	ng		0.01
76) Chrysene-d12	14.07	240	541377	20.00	ng		0.02
87) Perylene-d12	15.56	264	441140	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	1820608	109.31	ng		0.03
7) Phenol-d6	6.55	99	2408949	113.65	ng		0.03
23) Nitrobenzene-d5	7.47	82	1525422	82.98	ng		0.01
42) 2,4,6-Tribromophenol	10.74	330	506004	85.89	ng		0.02
45) 2-Fluorobiphenyl	9.26	172	2595660	75.88	ng		0.00
79) Terphenyl-d14	13.01	244	1856451	65.03	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	224303	28.624	ng		97
3) Pyridine	3.50	79	660619	32.359	ng		97
4) n-Nitrosodimethylamine	3.44	42	375804	37.613	ng		90
6) Aniline	6.57	93	465268	17.220	ng	#	1
8) 2-Chlorophenol	6.70	128	712844	38.637	ng		98
9) Benzaldehyde	6.45	77	309793	21.251	ng		95
10) Phenol	6.57	94	909026	38.009	ng		92
11) bis(2-Chloroethyl)ether	6.64	93	686883	38.327	ng		98
12) 1,3-Dichlorobenzene	6.85	146	774884	36.241	ng		99
13) 1,4-Dichlorobenzene	6.92	146	782954	36.107	ng		97
14) 1,2-Dichlorobenzene	7.07	146	737303	36.444	ng		97
15) Benzyl Alcohol	7.05	79	640944	38.074	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1148081	34.783	ng		73
17) 2-Methylphenol	7.16	107	581333	39.350	ng	#	92
18) Hexachloroethane	7.42	117	263087	36.004	ng	#	86
19) n-Nitroso-di-n-propylamine	7.32	70	509819	36.217	ng		99
20) 3+4-Methylphenols	7.32	107	721449	38.648	ng	#	85
22) Acetophenone	7.31	105	955906	35.262	ng	#	91
24) Nitrobenzene	7.49	77	759296	39.408	ng		97
25) Isophorone	7.72	82	1365455	41.839	ng		98
26) 2-Nitrophenol	7.80	139	381094	48.769	ng		95
27) 2,4-Dimethylphenol	7.85	122	644019	41.809	ng		98
28) bis(2-Chloroethoxy)methane	7.93	93	878560	40.454	ng		99
29) 2,4-Dichlorophenol	8.05	162	655145	39.542	ng		95
30) 1,2,4-Trichlorobenzene	8.13	180	676014	36.614	ng		97
31) Naphthalene	8.21	128	2022300	39.333	ng		98
32) Benzoic acid	7.93	122	119772	11.760	ng		92
33) 4-Chloroaniline	8.25	127	211597	9.522	ng		98
34) Hexachlorobutadiene	8.33	225	404235	35.924	ng		98
35) Caprolactam	8.62	113	202871m	36.135	ng		
36) 4-Chloro-3-methylphenol	8.75	107	626675	38.478	ng		96
37) 2-Methylnaphthalene	8.90	142	1372738	41.038	ng		99
38) 1-Methylnaphthalene	9.00	142	1284678	39.988	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	658955	40.219	ng	#	97

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Quant Time: Jan 04 03:01:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	395722	49.772	ng		99
43) 2,4,6-Trichlorophenol	9.18	196	458349	41.900	ng		99
44) 2,4,5-Trichlorophenol	9.23	196	469531	41.839	ng		92
46) 1,1'-Biphenyl	9.36	154	1633217	38.802	ng		97
47) 2-Chloronaphthalene	9.39	162	1271258	38.121	ng		94
48) 2-Nitroaniline	9.48	65	407989	47.028	ng		98
49) Acenaphthylene	9.80	152	1946784	39.983	ng		96
50) Dimethylphthalate	9.66	163	1835364	50.336	ng		98
51) 2,6-Dinitrotoluene	9.72	165	340541	46.839	ng		92
52) Acenaphthene	9.98	154	1148273	38.237	ng		98
53) 3-Nitroaniline	9.89	138	217270	28.020	ng		93
54) 2,4-Dinitrophenol	10.00	184	112383	51.073	ng	#	80
55) Dibenzofuran	10.15	168	1716397	37.832	ng		94
56) 4-Nitrophenol	10.07	139	448031	75.713	ng		97
57) 2,4-Dinitrotoluene	10.13	165	427608	48.935	ng	#	95
58) Fluorene	10.49	166	976710	29.876	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.27	232	348454	36.896	ng	#	87
60) Diethylphthalate	10.36	149	1343096	37.551	ng		99
61) 4-Chlorophenyl-phenylether	10.48	204	501844	27.784	ng		95
62) 4-Nitroaniline	10.50	138	205172	27.225	ng		88
63) Azobenzene	10.64	77	946042	26.347	ng		96
65) 4,6-Dinitro-2-methylphenol	10.53	198	77467	33.410	ng		91
66) n-Nitrosodiphenylamine	10.60	169	879514	43.397	ng		98
67) 4-Bromophenyl-phenylether	10.97	248	311726	41.627	ng		96
68) Hexachlorobenzene	11.05	284	324251	38.835	ng		94
69) Atrazine	11.13	200	293913	41.744	ng		96
70) Pentachlorophenol	11.24	266	301878	58.483	ng		98
71) Phenanthrene	11.46	178	1278854	39.940	ng		94
72) Anthracene	11.50	178	1295908	40.322	ng		96
73) Carbazole	11.66	167	1083531	34.725	ng		95
74) Di-n-butylphthalate	11.98	149	1482904	42.387	ng		97
75) Fluoranthene	12.64	202	1324572	40.851	ng		97
77) Benzidine	12.75	184	588478	28.887	ng		97
78) Pyrene	12.87	202	1275405	33.361	ng		96
80) Butylbenzylphthalate	13.48	149	597561	38.345	ng		89
81) Benzo(a)anthracene	14.06	228	1281145	41.466	ng		99
82) 3,3'-Dichlorobenzidine	14.02	252	426644	34.950	ng	#	98
83) Chrysene	14.10	228	1213650	39.967	ng		97
84) Bis(2-ethylhexyl)phthalate	14.04	149	903683	46.037	ng	#	99
85) Di-n-octyl phthalate	14.66	149	1455173	47.847	ng		95
86) Indeno(1,2,3-cd)pyrene	17.06	276	808447	31.318	ng	#	89
88) Benzo(b)fluoranthene	15.12	252	1116696	43.313	ng	#	96
89) Benzo(k)fluoranthene	15.15	252	1047169	42.663	ng	#	96
90) Benzo(a)pyrene	15.49	252	968203	41.335	ng	#	95
91) Dibenzo(a,h)anthracene	17.07	278	692327	33.754	ng	#	89
92) Benzo(g,h,i)perylene	17.51	276	639594	31.934	ng	#	89

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

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