Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111829.D
Acq On : 3 Jan 2019 19:00
Operator : JU/SJ
Sample : K1017-17MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5MSD

Manual Integrations APPROVED
Sohil
1/4/2019 9:56:44 AM

Quant Time: Jan 04 03:03:36 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	289750	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	1102921	20.00	ng		0.00
39) Acenaphthene-d10	9.95	164	543379	20.00	ng		0.01
64) Phenanthrene-d10	11.43	188	866959	20.00	ng		0.01
76) Chrysene-d12	14.07	240	569882	20.00	ng		0.02
87) Perylene-d12	15.55	264	453329	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	1836196	108.02	ng		0.03
7) Phenol-d6	6.55	99	2402266	111.04	ng		0.03
23) Nitrobenzene-d5	7.47	82	1545985	81.59	ng		0.01
42) 2,4,6-Tribromophenol	10.73	330	679152	105.78	ng		0.01
45) 2-Fluorobiphenyl	9.26	172	2544197	68.25	ng		0.00
79) Terphenyl-d14	13.01	244	1982284	65.97	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	194045	24.262	ng		97
3) Pyridine	3.50	79	571085	27.408	ng		97
4) n-Nitrosodimethylamine	3.43	42	324855	31.857	ng		92
6) Aniline	6.56	93	446822	16.203	ng	#	1
8) 2-Chlorophenol	6.70	128	628143	33.358	ng		96
9) Benzaldehyde	6.45	77	273123	18.357	ng		95
10) Phenol	6.56	94	839662	34.399	ng		86
11) bis(2-Chloroethyl)ether	6.63	93	602193	32.923	ng		96
12) 1,3-Dichlorobenzene	6.85	146	691835	31.703	ng		98
13) 1,4-Dichlorobenzene	6.92	146	701014	31.675	ng		97
14) 1,2-Dichlorobenzene	7.07	146	661575	32.040	ng		98
15) Benzyl Alcohol	7.05	79	563266	32.784	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1029054	30.547	ng		84
17) 2-Methylphenol	7.16	107	510217	33.839	ng	#	93
18) Hexachloroethane	7.42	117	231695	31.067	ng	#	87
19) n-Nitroso-di-n-propylamine	7.32	70	452649	31.506	ng		97
20) 3+4-Methylphenols	7.32	107	649551	34.094	ng	#	75
22) Acetophenone	7.31	105	846314	30.289	ng	#	91
24) Nitrobenzene	7.49	77	672426	33.860	ng		94
25) Isophorone	7.72	82	1204838	35.818	ng		99
26) 2-Nitrophenol	7.80	139	337613	41.917	ng		96
27) 2,4-Dimethylphenol	7.84	122	574085	36.158	ng		97
28) bis(2-Chloroethoxy)methane	7.93	93	780919	34.887	ng		98
29) 2,4-Dichlorophenol	8.05	162	569623	33.355	ng		94
30) 1,2,4-Trichlorobenzene	8.13	180	606883	31.891	ng		98
31) Naphthalene	8.21	128	1800152	33.969	ng		98
32) Benzoic acid	7.93	122	80508	7.669	ng		94
33) 4-Chloroaniline	8.25	127	217985	9.517	ng		96
34) Hexachlorobutadiene	8.33	225	361449	31.164	ng		99
35) Caprolactam	8.62	113	177346m	30.647	ng		
36) 4-Chloro-3-methylphenol	8.75	107	546678	32.566	ng		98
37) 2-Methylnaphthalene	8.90	142	1229042	35.647	ng		99
38) 1-Methylnaphthalene	9.00	142	1154700	34.871	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	594837	33.314	ng	#	97

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QLast Update : Wed Dec 19 17:39:39 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	332546	38.380	ng		99
43) 2,4,6-Trichlorophenol	9.18	196	405867	34.046	ng		99
44) 2,4,5-Trichlorophenol	9.23	196	420537	34.386	ng	#	90
46) 1,1'-Biphenyl	9.36	154	1477888	32.219	ng		96
47) 2-Chloronaphthalene	9.39	162	1140810	31.391	ng		96
48) 2-Nitroaniline	9.48	65	362978	38.393	ng		95
49) Acenaphthylene	9.80	152	1782254	33.589	ng		97
50) Dimethylphthalate	9.66	163	1793818	45.144	ng		99
51) 2,6-Dinitrotoluene	9.72	165	304106	38.381	ng		99
52) Acenaphthene	9.97	154	1059269	32.368	ng		98
53) 3-Nitroaniline	9.89	138	210326	24.890	ng		100
54) 2,4-Dinitrophenol	9.99	184	80117	35.937	ng		92
55) Dibenzofuran	10.15	168	1567660	31.707	ng		92
56) 4-Nitrophenol	10.06	139	422720	65.551	ng		94
57) 2,4-Dinitrotoluene	10.13	165	387867	40.731	ng	#	87
58) Fluorene	10.49	166	1171619	32.885	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.27	232	340956	33.128	ng	#	86
60) Diethylphthalate	10.36	149	1304082	33.457	ng		98
61) 4-Chlorophenyl-phenylether	10.48	204	620627	31.530	ng		89
62) 4-Nitroaniline	10.50	138	254477	30.985	ng		96
63) Azobenzene	10.64	77	1176337	30.061	ng		96
65) 4,6-Dinitro-2-methylphenol	10.53	198	77905	25.404	ng		81
66) n-Nitrosodiphenylamine	10.60	169	1070720	36.792	ng		98
67) 4-Bromophenyl-phenylether	10.97	248	386745	35.966	ng		93
68) Hexachlorobenzene	11.05	284	400256	33.384	ng	#	92
69) Atrazine	11.12	200	358829	35.492	ng		95
70) Pentachlorophenol	11.24	266	355971	48.026	ng		96
71) Phenanthrene	11.45	178	1554620	33.812	ng		95
72) Anthracene	11.50	178	1575281	34.134	ng		96
73) Carbazole	11.66	167	1304556	29.116	ng		96
74) Di-n-butylphthalate	11.98	149	1787870	35.589	ng		97
75) Fluoranthene	12.64	202	1327013	28.502	ng		97
77) Benzidine	12.76	184	641392	29.910	ng		97
78) Pyrene	12.87	202	1281264	31.838	ng		95
80) Butylbenzylphthalate	13.48	149	562805	34.308	ng	#	87
81) Benzo(a)anthracene	14.06	228	1142802	35.138	ng		99
82) 3,3'-Dichlorobenzidine	14.02	252	394739	30.719	ng	#	96
83) Chrysene	14.09	228	1075669	33.651	ng		98
84) Bis(2-ethylhexyl)phthalate	14.04	149	798039	38.621	ng	#	98
85) Di-n-octyl phthalate	14.65	149	1279280	39.959	ng		95
86) Indeno(1,2,3-cd)pyrene	17.06	276	730353	26.877	ng	#	89
88) Benzo(b)fluoranthene	15.12	252	1010298	38.132	ng	#	97
89) Benzo(k)fluoranthene	15.14	252	878934	34.846	ng		98
90) Benzo(a)pyrene	15.49	252	841759	34.971	ng	#	93
91) Dibenzo(a,h)anthracene	17.07	278	621127	29.468	ng	#	92
92) Benzo(g,h,i)perylene	17.51	276	586666	28.504	ng	#	88

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

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