Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010419\
Data File : BF111853.D
Acq On : 4 Jan 2019 19:08
Operator : JU/SJ
Sample : K1040-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-200030-RBR-200028-RT-3483

Manual Integrations APPROVED
Sohil
1/7/2019 11:03:54 AM

Quant Time: Jan 05 00:08:47 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	172524	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	668189	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	363134	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	550257	20.00	ng		0.00
76) Chrysene-d12	14.06	240	355162	20.00	ng		0.01
87) Perylene-d12	15.55	264	406592	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	1487172	146.93	ng		0.02
7) Phenol-d6	6.55	99	1555231	120.74	ng		0.02
23) Nitrobenzene-d5	7.46	82	1014278	88.36	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	491766	114.61	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1918955	77.02	ng		0.00
79) Terphenyl-d14	13.00	244	1166881	62.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	178075	37.395	ng		95
3) Pyridine	3.51	79	490976	39.574	ng		98
4) n-Nitrosodimethylamine	3.46	42	288036	47.439	ng		86
6) Aniline	6.56	93	336038	20.466	ng	#	1
8) 2-Chlorophenol	6.69	128	476460	42.495	ng		98
9) Benzaldehyde	6.44	77	191596	21.627	ng		96
10) Phenol	6.56	94	629760	43.331	ng		81
11) bis(2-Chloroethyl)ether	6.63	93	445135	40.872	ng		99
12) 1,3-Dichlorobenzene	6.84	146	519811	40.005	ng		100
13) 1,4-Dichlorobenzene	6.92	146	533005	40.448	ng		97
14) 1,2-Dichlorobenzene	7.07	146	497040	40.428	ng		98
15) Benzyl Alcohol	7.04	79	430281	42.060	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.17	45	720183	35.904	ng		79
17) 2-Methylphenol	7.16	107	383004	42.661	ng	#	92
18) Hexachloroethane	7.41	117	184892	41.637	ng	#	88
19) n-Nitroso-di-n-propylamine	7.31	70	338730	39.596	ng		99
20) 3+4-Methylphenols	7.31	107	480921	42.394	ng	#	85
22) Acetophenone	7.30	105	648512	38.310	ng	#	93
24) Nitrobenzene	7.48	77	510425	42.424	ng		98
25) Isophorone	7.72	82	903662	44.342	ng		98
26) 2-Nitrophenol	7.79	139	256692	52.606	ng	#	93
27) 2,4-Dimethylphenol	7.84	122	417343	43.388	ng		95
28) bis(2-Chloroethoxy)methane	7.92	93	564146	41.600	ng		98
29) 2,4-Dichlorophenol	8.04	162	421618	40.751	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	447661	38.829	ng		97
31) Naphthalene	8.20	128	1405654	43.782	ng		97
32) Benzoic acid	7.90	122	23681	3.723	ng		86
33) 4-Chloroaniline	8.25	127	146487	10.556	ng		98
34) Hexachlorobutadiene	8.32	225	294967	41.978	ng		99
35) Caprolactam	8.62	113	142504m	40.648	ng		
36) 4-Chloro-3-methylphenol	8.75	107	504325	49.589	ng		97
37) 2-Methylnaphthalene	8.89	142	1083625	51.878	ng		99
38) 1-Methylnaphthalene	8.99	142	1013508	50.521	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	516306	43.269	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	281189	48.561	ng		98
43) 2,4,6-Trichlorophenol	9.17	196	352613	44.260	ng		99
44) 2,4,5-Trichlorophenol	9.22	196	364800	44.634	ng	#	90
46) 1,1'-Biphenyl	9.36	154	1287215	41.992	ng		96
47) 2-Chloronaphthalene	9.38	162	1015876	41.828	ng		95
48) 2-Nitroaniline	9.47	65	318998	50.488	ng		98
49) Acenaphthylene	9.80	152	1535661	43.306	ng		96
50) Dimethylphthalate	9.66	163	1398143	52.651	ng		99
51) 2,6-Dinitrotoluene	9.72	165	268759	50.757	ng		94
52) Acenaphthene	9.97	154	915508	41.860	ng		98
53) 3-Nitroaniline	9.89	138	162519	28.779	ng		91
54) 2,4-Dinitrophenol	9.99	184	63191	41.097	ng		96
55) Dibenzofuran	10.15	168	1355169	41.014	ng		94
56) 4-Nitrophenol	10.06	139	343978	79.816	ng		93
57) 2,4-Dinitrotoluene	10.12	165	333778	52.449	ng		93
58) Fluorene	10.49	166	1019470	42.818	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	289923	42.151	ng		89
60) Diethylphthalate	10.35	149	1139703	43.753	ng		100
61) 4-Chlorophenyl-phenylether	10.47	204	523290	39.780	ng		92
62) 4-Nitroaniline	10.50	138	234264	42.682	ng		91
63) Azobenzene	10.63	77	976417	37.338	ng		97
65) 4,6-Dinitro-2-methylphenol	10.53	198	103307	45.785	ng		85
66) n-Nitrosodiphenylamine	10.59	169	899241	48.684	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	305878	44.818	ng		94
68) Hexachlorobenzene	11.04	284	310073	40.747	ng	#	93
69) Atrazine	11.12	200	277298	43.214	ng		97
70) Pentachlorophenol	11.23	266	298497	63.450	ng		94
71) Phenanthrene	11.45	178	1290320	44.216	ng		95
72) Anthracene	11.50	178	1320821	45.093	ng		95
73) Carbazole	11.65	167	1080969	38.012	ng		95
74) Di-n-butylphthalate	11.97	149	1432603	44.931	ng		97
75) Fluoranthene	12.63	202	1150359	38.928	ng		97
77) Benzidine	12.75	184	421820	31.563	ng		96
78) Pyrene	12.87	202	1090928	43.497	ng		96
80) Butylbenzylphthalate	13.47	149	400606	39.185	ng		90
81) Benzo(a)anthracene	14.05	228	947093	46.726	ng		98
82) 3,3'-Dichlorobenzidine	14.01	252	250943	31.335	ng		97
83) Chrysene	14.09	228	872796	43.812	ng		98
84) Bis(2-ethylhexyl)phthalate	14.04	149	569871	44.253	ng	#	99
85) Di-n-octyl phthalate	14.65	149	1008425	50.542	ng		96
86) Indeno(1,2,3-cd)pyrene	17.06	276	797337	47.082	ng	#	88
88) Benzo(b)fluoranthene	15.12	252	920917	38.754	ng		98
89) Benzo(k)fluoranthene	15.15	252	821513	36.313	ng		98
90) Benzo(a)pyrene	15.49	252	960290	44.481	ng		98
91) Dibenzo(a,h)anthracene	17.07	278	676944	35.808	ng	#	93
92) Benzo(g,h,i)perylene	17.51	276	637117	34.514	ng	#	86

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

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