Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010419\
Data File : BF111854.D
Acq On : 4 Jan 2019 19:35
Operator : JU/SJ
Sample : K1040-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
1/7/2019 11:03:56 AM

Quant Time: Jan 05 00:10:55 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	162555	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	604337	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	283603	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	478719	20.00	ng		0.00
76) Chrysene-d12	14.06	240	347960	20.00	ng		0.01
87) Perylene-d12	15.54	264	321276	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	1212913	127.18	ng		0.02
7) Phenol-d6	6.55	99	1561291	128.64	ng		0.02
23) Nitrobenzene-d5	7.46	82	1012607	97.53	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	415093	123.87	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1532179	78.75	ng		0.00
79) Terphenyl-d14	13.00	244	1224198	66.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	202056	45.032	ng		96
3) Pyridine	3.51	79	580568	49.665	ng		99
4) n-Nitrosodimethylamine	3.46	42	335582	58.659	ng		82
6) Aniline	6.56	93	380955	24.624	ng	#	1
8) 2-Chlorophenol	6.69	128	503177	47.631	ng		97
9) Benzaldehyde	6.44	77	207396	24.846	ng		94
10) Phenol	6.56	94	661177	48.282	ng		78
11) bis(2-Chloroethyl)ether	6.63	93	464983	45.313	ng		99
12) 1,3-Dichlorobenzene	6.84	146	545037	44.519	ng		98
13) 1,4-Dichlorobenzene	6.92	146	550441	44.332	ng		97
14) 1,2-Dichlorobenzene	7.07	146	519952	44.885	ng		99
15) Benzyl Alcohol	7.04	79	448458	46.525	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.17	45	746680	39.508	ng		76
17) 2-Methylphenol	7.16	107	407244	48.143	ng	#	92
18) Hexachloroethane	7.41	117	189123	45.201	ng	#	87
19) n-Nitroso-di-n-propylamine	7.31	70	354410	43.970	ng		99
20) 3+4-Methylphenols	7.31	107	499158	46.700	ng	#	87
22) Acetophenone	7.30	105	678250	44.301	ng	#	93
24) Nitrobenzene	7.48	77	536869	49.337	ng		98
25) Isophorone	7.72	82	950454	51.566	ng		98
26) 2-Nitrophenol	7.79	139	281021	63.677	ng	#	90
27) 2,4-Dimethylphenol	7.84	122	439219	50.486	ng		95
28) bis(2-Chloroethoxy)methane	7.92	93	590113	48.112	ng		97
29) 2,4-Dichlorophenol	8.05	162	440388	47.063	ng		95
30) 1,2,4-Trichlorobenzene	8.12	180	460094	44.123	ng		97
31) Naphthalene	8.20	128	1399607	48.200	ng		97
32) Benzoic acid	7.90	122	17030	2.961	ng		91
33) 4-Chloroaniline	8.25	127	157350	12.537	ng		98
34) Hexachlorobutadiene	8.32	225	277042	43.593	ng		98
35) Caprolactam	8.62	113	118828m	37.476	ng		
36) 4-Chloro-3-methylphenol	8.75	107	437166	47.527	ng		97
37) 2-Methylnaphthalene	8.89	142	927313	49.085	ng		98
38) 1-Methylnaphthalene	8.99	142	873177	48.125	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	440124	47.228	ng	#	98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	252958	55.936	ng		99
43) 2,4,6-Trichlorophenol	9.17	196	303577	48.791	ng		99
44) 2,4,5-Trichlorophenol	9.22	196	317822	49.791	ng	#	90
46) 1,1'-Biphenyl	9.36	154	1107130	46.245	ng		95
47) 2-Chloronaphthalene	9.38	162	854365	45.043	ng		96
48) 2-Nitroaniline	9.47	65	273872	55.502	ng		98
49) Acenaphthylene	9.80	152	1331376	48.074	ng		95
50) Dimethylphthalate	9.66	163	1210881	58.386	ng		98
51) 2,6-Dinitrotoluene	9.72	165	226678	54.815	ng		89
52) Acenaphthene	9.97	154	778538	45.580	ng		97
53) 3-Nitroaniline	9.89	138	145139	32.909	ng		92
54) 2,4-Dinitrophenol	9.99	184	30593	28.254	ng		99
55) Dibenzofuran	10.14	168	1220847	47.310	ng		97
56) 4-Nitrophenol	10.06	139	282647	83.977	ng		93
57) 2,4-Dinitrotoluene	10.12	165	302942	60.952	ng	#	98
58) Fluorene	10.49	166	861623	46.336	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	250601	46.652	ng		90
60) Diethylphthalate	10.35	149	960367	47.207	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	444004	43.218	ng		92
62) 4-Nitroaniline	10.50	138	196448	45.829	ng		87
63) Azobenzene	10.63	77	834053	40.838	ng		95
65) 4,6-Dinitro-2-methylphenol	10.53	198	75297	39.444	ng		83
66) n-Nitrosodiphenylamine	10.59	169	767063	47.734	ng		98
67) 4-Bromophenyl-phenylether	10.96	248	260458	43.866	ng		97
68) Hexachlorobenzene	11.04	284	278640	42.088	ng	#	92
69) Atrazine	11.12	200	250624	44.893	ng		96
70) Pentachlorophenol	11.23	266	268542	65.613	ng		95
71) Phenanthrene	11.45	178	1262126	49.713	ng		95
72) Anthracene	11.50	178	1242854	48.772	ng		96
73) Carbazole	11.65	167	1114840	45.061	ng		95
74) Di-n-butylphthalate	11.97	149	1362553	49.120	ng		97
75) Fluoranthene	12.63	202	1230065	47.845	ng		96
77) Benzidine	12.75	184	480250	36.678	ng		97
78) Pyrene	12.86	202	1221858	49.725	ng		96
80) Butylbenzylphthalate	13.47	149	514326	51.349	ng		90
81) Benzo(a)anthracene	14.05	228	1020464	51.388	ng		100
82) 3,3'-Dichlorobenzidine	14.01	252	287227	36.608	ng	#	97
83) Chrysene	14.09	228	947041	48.523	ng		97
84) Bis(2-ethylhexyl)phthalate	14.03	149	633854	50.240	ng		97
85) Di-n-octyl phthalate	14.65	149	1125078	57.556	ng		99
86) Indeno(1,2,3-cd)pyrene	17.04	276	742941	44.778	ng	#	88
88) Benzo(b)fluoranthene	15.12	252	995331	53.009	ng	#	95
89) Benzo(k)fluoranthene	15.14	252	900162	50.356	ng	#	96
90) Benzo(a)pyrene	15.49	252	887826	52.045	ng	#	94
91) Dibenzo(a,h)anthracene	17.06	278	618378	41.397	ng	#	91
92) Benzo(g,h,i)perylene	17.50	276	582256	39.918	ng	#	87

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

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