Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
Data File : BF114486.D
Acq On : 22 May 2019 15:24
Operator : JU/SJ
Sample : PB119674BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB119674BSD

Manual Integrations APPROVED
mohammad
5/23/2019 4:07:45 AM

Quant Time: May 22 16:14:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 04:47:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	213444	20.00	ng		-0.01
21) Naphthalene-d8	8.11	136	847210	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	411102	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	827985	20.00	ng		0.00
76) Chrysene-d12	14.00	240	596736	20.00	ng		0.00
87) Perylene-d12	15.47	264	598906	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1349555	101.75	ng		0.00
7) Phenol-d6	6.48	99	1720121	109.65	ng		0.00
23) Nitrobenzene-d5	7.39	82	1198492	79.39	ng		-0.01
42) 2,4,6-Tribromophenol	10.66	330	444810	104.66	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	2110201	77.65	ng		0.00
79) Terphenyl-d14	12.94	244	2240867	77.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	214744	29.456	ng		98
3) Pyridine	3.43	79	559224	27.841	ng		98
4) n-Nitrosodimethylamine	3.38	42	290869	30.029	ng		97
6) Aniline	6.49	93	509960	22.504	ng	#	12
8) 2-Chlorophenol	6.62	128	523359	36.962	ng		95
9) Benzaldehyde	6.38	77	282563	25.729	ng		100
10) Phenol	6.49	94	630288	34.155	ng		89
11) bis(2-Chloroethyl)ether	6.56	93	516371	36.857	ng		99
12) 1,3-Dichlorobenzene	6.77	146	546202	34.365	ng		98
13) 1,4-Dichlorobenzene	6.85	146	560691	35.008	ng		98
14) 1,2-Dichlorobenzene	7.00	146	512497	35.025	ng		99
15) Benzyl Alcohol	6.98	79	400358	32.722	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	915079	33.687	ng		75
17) 2-Methylphenol	7.09	107	416920	35.844	ng	#	92
18) Hexachloroethane	7.34	117	207731	34.554	ng		98
19) n-Nitroso-di-n-propylamine	7.25	70	359375	36.143	ng		98
20) 3+4-Methylphenols	7.25	107	533922	39.730	ng	#	63
22) Acetophenone	7.24	105	703535	37.485	ng	#	91
24) Nitrobenzene	7.42	77	548401	35.667	ng		93
25) Isophorone	7.65	82	1004077	35.863	ng		99
26) 2-Nitrophenol	7.73	139	287781	38.578	ng		96
27) 2,4-Dimethylphenol	7.77	122	461099	39.356	ng		99
28) bis(2-Chloroethoxy)methane	7.86	93	644359	35.471	ng		98
29) 2,4-Dichlorophenol	7.98	162	437928	37.537	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	465753	35.108	ng		99
31) Naphthalene	8.13	128	1485073	37.526	ng		98
32) Benzoic acid	7.93	122	256617	33.246	ng		99
33) 4-Chloroaniline	8.19	127	377501	20.933	ng		99
34) Hexachlorobutadiene	8.25	225	256690	34.006	ng		98
35) Caprolactam	8.56	113	150025m	39.437	ng		
36) 4-Chloro-3-methylphenol	8.68	107	460873	39.245	ng		99
37) 2-Methylnaphthalene	8.83	142	1001356	39.218	ng		97
38) 1-Methylnaphthalene	8.93	142	947175	39.392	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	456166	36.631	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	255812	46.033	ng		99
43) 2,4,6-Trichlorophenol	9.11	196	287763	33.595	ng		100
44) 2,4,5-Trichlorophenol	9.16	196	299477	34.092	ng		99
46) 1,1'-Biphenyl	9.29	154	1219066	36.706	ng		99
47) 2-Chloronaphthalene	9.32	162	929612	34.780	ng		99
48) 2-Nitroaniline	9.42	65	316582	33.398	ng		100
49) Acenaphthylene	9.73	152	1474472	36.271	ng		98
50) Dimethylphthalate	9.59	163	1067540	35.374	ng		99
51) 2,6-Dinitrotoluene	9.66	165	243025	36.307	ng		95
52) Acenaphthene	9.90	154	859090	34.438	ng		99
53) 3-Nitroaniline	9.83	138	178386	21.469	ng		99
54) 2,4-Dinitrophenol	9.95	184	216851	65.741	ng		95
55) Dibenzofuran	10.07	168	1257439	34.376	ng		99
56) 4-Nitrophenol	10.01	139	264735	45.053	ng		100
57) 2,4-Dinitrotoluene	10.07	165	307880	33.888	ng	#	86
58) Fluorene	10.42	166	1025815	36.306	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	275712	36.376	ng		95
60) Diethylphthalate	10.29	149	1077197	35.130	ng		98
61) 4-Chlorophenyl-phenylether	10.40	204	498004	35.887	ng		99
62) 4-Nitroaniline	10.45	138	284401	32.573	ng		96
63) Azobenzene	10.57	77	1050432	35.391	ng		96
65) 4,6-Dinitro-2-methylphenol	10.49	198	144493	36.318	ng		94
66) n-Nitrosodiphenylamine	10.53	169	929536	36.990	ng		98
67) 4-Bromophenyl-phenylether	10.89	248	313248	34.361	ng		97
68) Hexachlorobenzene	10.97	284	337771	33.492	ng		93
69) Atrazine	11.05	200	278743	35.644	ng		98
70) Pentachlorophenol	11.17	266	257064	53.770	ng		99
71) Phenanthrene	11.38	178	1480986	36.765	ng		99
72) Anthracene	11.43	178	1530201	37.820	ng		99
73) Carbazole	11.59	167	1457959	37.788	ng		99
74) Di-n-butylphthalate	11.91	149	1687251	37.958	ng		99
75) Fluoranthene	12.57	202	1621968	37.391	ng		98
77) Benzidine	12.69	184	808090	30.168	ng		96
78) Pyrene	12.80	202	1643140	34.229	ng		100
80) Butylbenzylphthalate	13.40	149	744862	36.864	ng		98
81) Benzo(a)anthracene	13.99	228	1390182	36.018	ng		100
82) 3,3'-Dichlorobenzidine	13.95	252	385136	25.723	ng		97
83) Chrysene	14.03	228	1369485	36.196	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1010836	38.251	ng		100
85) Di-n-octyl phthalate	14.58	149	1678292	39.177	ng		98
86) Indeno(1,2,3-cd)pyrene	16.96	276	1191444	35.631	ng		99
88) Benzo(b)fluoranthene	15.05	252	1424889	37.136	ng		99
89) Benzo(k)fluoranthene	15.07	252	1229130	34.873	ng		100
90) Benzo(a)pyrene	15.42	252	1269474	37.594	ng		99
91) Dibenzo(a,h)anthracene	16.96	278	1004331	35.792	ng		99
92) Benzo(g,h,i)perylene	17.40	276	996010	35.420	ng		99

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

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