Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030419\
Data File : BM019006.D
Acq On : 04 Mar 2019 13:04
Operator : JU/SJ
Sample : PB117551BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB117551BS

Manual Integrations APPROVED
Sohil
3/5/2019 5:23:41 PM

Quant Time: Mar 05 03:47:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 03:36:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	266153	20.00	ng		0.00
21) Naphthalene-d8	10.47	136	1084611	20.00	ng		0.00
39) Acenaphthene-d10	14.33	164	591450	20.00	ng		0.00
64) Phenanthrene-d10	17.09	188	1172612	20.00	ng		0.00
76) Chrysene-d12	21.29	240	828797	20.00	ng		0.00
87) Perylene-d12	23.53	264	786844	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	2298661	141.51	ng		0.00
7) Phenol-d6	6.86	99	3124462	136.54	ng		0.00
23) Nitrobenzene-d5	8.85	82	1781604	75.95	ng		0.00
42) 2,4,6-Tribromophenol	15.83	330	1086948	127.49	ng		0.00
45) 2-Fluorobiphenyl	12.95	172	3525839	79.14	ng		0.00
79) Terphenyl-d14	19.72	244	4034095	100.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	260885	36.874	ng		98
3) Pyridine	3.63	79	715040	37.052	ng		99
4) n-Nitrosodimethylamine	3.55	42	229457	46.738	ng		90
6) Aniline	7.03	93	978033	34.882	ng		100
8) 2-Chlorophenol	7.25	128	788468	44.210	ng		99
9) Benzaldehyde	6.84	77	570631	48.117	ng		99
10) Phenol	6.89	94	1041940	43.273	ng		98
11) bis(2-Chloroethyl)ether	7.12	93	725498	39.499	ng		99
12) 1,3-Dichlorobenzene	7.57	146	782629	39.026	ng		99
13) 1,4-Dichlorobenzene	7.72	146	803561	39.360	ng		99
14) 1,2-Dichlorobenzene	8.03	146	774978	39.518	ng		99
15) Benzyl Alcohol	7.93	79	740254	40.711	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.21	45	713120	40.115	ng		98
17) 2-Methylphenol	8.13	107	665125	43.401	ng		98
18) Hexachloroethane	8.74	117	295234	39.615	ng		99
19) n-Nitroso-di-n-propylamine	8.49	70	679793	38.367	ng		99
20) 3+4-Methylphenols	8.46	107	892918	42.195	ng		99
22) Acetophenone	8.51	105	1124310	37.747	ng	#	99
24) Nitrobenzene	8.89	77	969374	39.813	ng		100
25) Isophorone	9.41	82	1666135	44.516	ng		100
26) 2-Nitrophenol	9.59	139	409953	42.279	ng		99
27) 2,4-Dimethylphenol	9.65	122	705438	49.812	ng		99
28) bis(2-Chloroethoxy)methane	9.89	93	1013543	41.877	ng		99
29) 2,4-Dichlorophenol	10.12	162	709635	43.639	ng		99
30) 1,2,4-Trichlorobenzene	10.33	180	747503	39.804	ng		99
31) Naphthalene	10.52	128	2258112	42.689	ng		100
32) Benzoic acid	9.82	122	455616m	36.881	ng		
33) 4-Chloroaniline	10.65	127	352983	14.928	ng		100
34) Hexachlorobutadiene	10.78	225	402866	36.958	ng		99
35) Caprolactam	11.46	113	207973m	31.338	ng		
36) 4-Chloro-3-methylphenol	11.77	107	777573	39.660	ng		97
37) 2-Methylnaphthalene	12.14	142	1640800	44.057	ng		99
38) 1-Methylnaphthalene	12.36	142	1558112	42.783	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	776219	41.026	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	957232	98.957 ng	99
43) 2,4,6-Trichlorophenol	12.76	196	541256	43.214 ng	99
44) 2,4,5-Trichlorophenol	12.83	196	559631	42.629 ng	99
46) 1,1'-Biphenyl	13.16	154	2084072	40.936 ng	99
47) 2-Chloronaphthalene	13.20	162	1611445	40.980 ng	100
48) 2-Nitroaniline	13.43	65	524506	40.162 ng	98
49) Acenaphthylene	14.06	152	2561390	43.745 ng	100
50) Dimethylphthalate	13.80	163	1947042	39.501 ng	100
51) 2,6-Dinitrotoluene	13.93	165	428530	40.134 ng	96
52) Acenaphthene	14.40	154	1481791	41.272 ng	100
53) 3-Nitroaniline	14.26	138	245644	20.361 ng	98
54) 2,4-Dinitrophenol	14.47	184	483872	72.036 ng	99
55) Dibenzofuran	14.74	168	2358087	39.960 ng	98
56) 4-Nitrophenol	14.58	139	674442	70.029 ng	96
57) 2,4-Dinitrotoluene	14.72	165	579479	39.389 ng	97
58) Fluorene	15.39	166	1899599	42.077 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.96	232	484075	41.717 ng	99
60) Diethylphthalate	15.17	149	1965371	38.653 ng	99
61) 4-Chlorophenyl-phenylether	15.38	204	950443	37.549 ng	99
62) 4-Nitroaniline	15.43	138	378014	31.960 ng	98
63) Azobenzene	15.67	77	2139899	39.251 ng	100
65) 4,6-Dinitro-2-methylphenol	15.48	198	292469	35.524 ng	99
66) n-Nitrosodiphenylamine	15.60	169	1625793	43.884 ng	99
67) 4-Bromophenyl-phenylether	16.28	248	546627	41.647 ng	99
68) Hexachlorobenzene	16.38	284	630913	41.354 ng	99
69) Atrazine	16.56	200	522162	43.719 ng	99
70) Pentachlorophenol	16.73	266	714352	72.721 ng	99
71) Phenanthrene	17.13	178	2705042	42.925 ng	100
72) Anthracene	17.22	178	2752928	44.882 ng	100
73) Carbazole	17.50	167	2350484	36.679 ng	98
74) Di-n-butylphthalate	18.06	149	3044670	41.312 ng	99
75) Fluoranthene	19.15	202	2634827	36.196 ng	98
77) Benzidine	19.35	184	1236285	66.233 ng	99
78) Pyrene	19.52	202	2610444	54.231 ng	100
80) Butylbenzylphthalate	20.42	149	1148284	52.344 ng	99
81) Benzo(a)anthracene	21.27	228	2026155	41.939 ng	99
82) 3,3'-Dichlorobenzidine	21.21	252	555357	29.086 ng	99
83) Chrysene	21.32	228	1935622	41.800 ng	100
84) Bis(2-ethylhexyl)phthalate	21.19	149	1608120	50.085 ng	99
85) Di-n-octyl phthalate	22.07	149	2401078	44.494 ng	100
86) Indeno(1,2,3-cd)pyrene	25.81	276	2476241	46.317 ng	100
88) Benzo(b)fluoranthene	22.86	252	1975256	43.877 ng	99
89) Benzo(k)fluoranthene	22.90	252	1862914	41.566 ng	99
90) Benzo(a)pyrene	23.44	252	1897252	44.487 ng	100
91) Dibenzo(a,h)anthracene	25.82	278	2101251	49.731 ng	99
92) Benzo(g,h,i)perylene	26.51	276	2064530	52.485 ng	99

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

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