Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
Data File : BM018987.D
Acq On : 01 Mar 2019 15:20
Operator : JU/SJ
Sample : PB117349BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB117349BSD

Manual Integrations APPROVED
Sohil
3/4/2019 12:47:37 PM

Quant Time: Mar 02 01:45:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 11 16:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	199841	20.00	ng		-0.04
21) Naphthalene-d8	10.47	136	853149	20.00	ng		-0.04
39) Acenaphthene-d10	14.33	164	510164	20.00	ng		-0.03
64) Phenanthrene-d10	17.09	188	1158585	20.00	ng		-0.03
76) Chrysene-d12	21.29	240	1282932	20.00	ng		-0.02
87) Perylene-d12	23.53	264	1312077	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1764824	144.70	ng		-0.02
7) Phenol-d6	6.86	99	2473577	143.96	ng		-0.02
23) Nitrobenzene-d5	8.85	82	1430724	77.54	ng		-0.04
42) 2,4,6-Tribromophenol	15.84	330	1014249	137.92	ng		-0.02
45) 2-Fluorobiphenyl	12.95	172	2970815	77.30	ng		-0.03
79) Terphenyl-d14	19.73	244	4992333	80.27	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	201970	38.020	ng		98
3) Pyridine	3.63	79	568043	39.202	ng		99
4) n-Nitrosodimethylamine	3.55	42	169168	45.891	ng		92
6) Aniline	7.03	93	728838	34.620	ng		100
8) 2-Chlorophenol	7.25	128	637661	47.619	ng		100
9) Benzaldehyde	6.85	77	495148	60.125	ng		99
10) Phenol	6.89	94	870500	48.150	ng		100
11) bis(2-Chloroethyl)ether	7.12	93	577853	41.900	ng		98
12) 1,3-Dichlorobenzene	7.57	146	615522	40.878	ng		97
13) 1,4-Dichlorobenzene	7.72	146	630733	41.146	ng		99
14) 1,2-Dichlorobenzene	8.03	146	609402	41.387	ng		100
15) Benzyl Alcohol	7.93	79	620400	45.441	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.22	45	584924	43.822	ng		97
17) 2-Methylphenol	8.13	107	556049	48.324	ng		98
18) Hexachloroethane	8.75	117	234732	41.948	ng		99
19) n-Nitroso-di-n-propylamine	8.49	70	564430	42.426	ng		99
20) 3+4-Methylphenols	8.46	107	755380	47.540	ng		99
22) Acetophenone	8.52	105	922361	39.368	ng	#	99
24) Nitrobenzene	8.89	77	796038	41.564	ng		99
25) Isophorone	9.41	82	1414922	48.061	ng		99
26) 2-Nitrophenol	9.60	139	335018	43.925	ng		97
27) 2,4-Dimethylphenol	9.65	122	599595	53.824	ng		99
28) bis(2-Chloroethoxy)methane	9.89	93	843368	44.299	ng		99
29) 2,4-Dichlorophenol	10.12	162	601094	46.993	ng		99
30) 1,2,4-Trichlorobenzene	10.33	180	598715	40.530	ng		96
31) Naphthalene	10.52	128	1850320	44.469	ng		99
32) Benzoic acid	9.82	122	402004	41.370	ng		98
33) 4-Chloroaniline	10.65	127	373349	20.073	ng		99
34) Hexachlorobutadiene	10.78	225	319788	37.296	ng		99
35) Caprolactam	11.46	113	203537m	38.990	ng		
36) 4-Chloro-3-methylphenol	11.77	107	700228	45.405	ng		100
37) 2-Methylnaphthalene	12.14	142	1389308	47.425	ng		99
38) 1-Methylnaphthalene	12.36	142	1323324	46.194	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.51	216	647193	39.657	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	841435	100.846 ng	98
43) 2,4,6-Trichlorophenol	12.76	196	483209	44.727 ng	99
44) 2,4,5-Trichlorophenol	12.83	196	511026	45.129 ng	98
46) 1,1'-Biphenyl	13.16	154	1796234	40.904 ng	100
47) 2-Chloronaphthalene	13.20	162	1387797	40.916 ng	99
48) 2-Nitroaniline	13.43	65	494057	43.858 ng	98
49) Acenaphthylene	14.06	152	2298359	45.508 ng	99
50) Dimethylphthalate	13.80	163	1820675	42.822 ng	99
51) 2,6-Dinitrotoluene	13.93	165	404577	43.928 ng	96
52) Acenaphthene	14.40	154	1322135	42.693 ng	99
53) 3-Nitroaniline	14.27	138	266812	25.639 ng	96
54) 2,4-Dinitrophenol	14.47	184	523330	88.861 ng	98
55) Dibenzofuran	14.74	168	2150234	42.243 ng	99
56) 4-Nitrophenol	14.58	139	720788	86.766 ng	97
57) 2,4-Dinitrotoluene	14.72	165	576426	45.424 ng	98
58) Fluorene	15.39	166	1773211	45.536 ng	98
59) 2,3,4,6-Tetrachlorophenol	14.96	232	466401	46.598 ng	99
60) Diethylphthalate	15.17	149	1882612	42.925 ng	99
61) 4-Chlorophenyl-phenylether	15.39	204	867814	39.747 ng	98
62) 4-Nitroaniline	15.44	138	413932	40.573 ng	96
63) Azobenzene	15.68	77	2000996	42.552 ng	99
65) 4,6-Dinitro-2-methylphenol	15.49	198	315006	38.725 ng	95
66) n-Nitrosodiphenylamine	15.60	169	1552898	42.424 ng	99
67) 4-Bromophenyl-phenylether	16.28	248	520740	40.155 ng	98
68) Hexachlorobenzene	16.39	284	611448	40.564 ng	96
69) Atrazine	16.56	200	542246	45.950 ng	98
70) Pentachlorophenol	16.74	266	780816	80.449 ng	99
71) Phenanthrene	17.13	178	2770426	44.495 ng	99
72) Anthracene	17.22	178	2846598	46.971 ng	100
73) Carbazole	17.50	167	2621500	41.403 ng	99
74) Di-n-butylphthalate	18.06	149	3261260	44.786 ng	99
75) Fluoranthene	19.16	202	3223505	44.819 ng	99
77) Benzidine	19.36	184	2158538	74.707 ng	100
78) Pyrene	19.52	202	3273129	43.928 ng	100
80) Butylbenzylphthalate	20.42	149	1581951	46.586 ng	99
81) Benzo(a)anthracene	21.27	228	3233518	43.238 ng	100
82) 3,3'-Dichlorobenzidine	21.21	252	815878	27.605 ng	100
83) Chrysene	21.32	228	3107005	43.346 ng	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	2320528	46.690 ng	100
85) Di-n-octyl phthalate	22.07	149	4050755	48.493 ng	100
86) Indeno(1,2,3-cd)pyrene	25.81	276	3582703	43.292 ng	100
88) Benzo(b)fluoranthene	22.86	252	3511142	46.772 ng	100
89) Benzo(k)fluoranthene	22.90	252	3307031	44.250 ng	99
90) Benzo(a)pyrene	23.44	252	3279309	46.113 ng	99
91) Dibenzo(a,h)anthracene	25.82	278	3077446	43.679 ng	98
92) Benzo(g,h,i)perylene	26.51	276	2808672	42.820 ng	99

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

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