Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052419\
Data File : BM020557.D
Acq On : 25 May 2019 00:56
Operator : JU/SJ
Sample : PB120010BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB120010BSD

Manual Integrations APPROVED
mohammad
5/27/2019 4:00:15 AM

Quant Time: May 25 06:18:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 16:07:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	48143	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	200242	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	152636	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	428881	20.00	ng	0.00
76) Chrysene-d12	21.26	240	647576	20.00	ng	-0.01
87) Perylene-d12	23.50	264	395041	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	237883	96.94	ng	0.00
7) Phenol-d6	6.84	99	350448	94.61	ng	0.00
23) Nitrobenzene-d5	8.83	82	341320	71.54	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	244976	80.11	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	857535	70.50	ng	0.00
79) Terphenyl-d14	19.70	244	2228970	62.22	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	52614	40.972	ng	98
3) Pyridine	3.57	79	84960	22.989	ng	98
4) n-Nitrosodimethylamine	3.49	42	32202	35.360	ng	82
6) Aniline	7.00	93	88061	16.436	ng	96
8) 2-Chlorophenol	7.22	128	146036	48.666	ng	98
10) Phenol	6.87	94	197608	49.406	ng	98
11) bis(2-Chloroethyl)ether	7.10	93	120043	40.218	ng	98
12) 1,3-Dichlorobenzene	7.55	146	139625	36.333	ng	98
13) 1,4-Dichlorobenzene	7.69	146	138976	36.180	ng	98
14) 1,2-Dichlorobenzene	8.00	146	145393	37.755	ng	100
15) Benzyl Alcohol	7.92	79	142252	41.504	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.19	45	81067	38.969	ng	96
17) 2-Methylphenol	8.11	107	123397	46.732	ng	98
18) Hexachloroethane	8.72	117	58274	37.451	ng	95
19) n-Nitroso-di-n-propylamine	8.47	70	130850	39.785	ng	99
20) 3+4-Methylphenols	8.44	107	163854	46.271	ng	98
22) Acetophenone	8.49	105	218151	39.563	ng	99
24) Nitrobenzene	8.87	77	193664	41.104	ng	97
25) Isophorone	9.39	82	360350	40.593	ng	100
26) 2-Nitrophenol	9.58	139	70220	40.392	ng	95
27) 2,4-Dimethylphenol	9.63	122	126524	48.856	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	183159	39.636	ng	99
29) 2,4-Dichlorophenol	10.11	162	157205	45.641	ng	98
30) 1,2,4-Trichlorobenzene	10.31	180	183063	38.871	ng	100
31) Naphthalene	10.50	128	416741	40.307	ng	98
32) Benzoic acid	9.80	122	68886	41.584	ng	98
33) 4-Chloroaniline	10.65	127	61167	14.822	ng	97
34) Hexachlorobutadiene	10.76	225	131111	37.445	ng	99
35) Caprolactam	11.45	113	45736m	40.346	ng	
36) 4-Chloro-3-methylphenol	11.76	107	169815	45.305	ng	97
37) 2-Methylnaphthalene	12.12	142	334646	42.367	ng	100
38) 1-Methylnaphthalene	12.34	142	322795	42.178	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	258272	40.252	ng	100
41) Hexachlorocyclopentadiene	12.45	237	118763	42.151	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.74	196	168649	42.473 ng	98
44) 2,4,5-Trichlorophenol	12.82	196	167400	45.146 ng	95
46) 1,1'-Biphenyl	13.14	154	481673	40.974 ng	99
47) 2-Chloronaphthalene	13.19	162	389212	39.057 ng	99
48) 2-Nitroaniline	13.42	65	111557	37.114 ng	93
49) Acenaphthylene	14.04	152	613375	40.474 ng	99
50) Dimethylphthalate	13.79	163	540438	39.974 ng	100
51) 2,6-Dinitrotoluene	13.92	165	117076	41.548 ng	93
52) Acenaphthene	14.38	154	363199	39.770 ng	100
53) 3-Nitroaniline	14.26	138	61650	27.277 ng	95
54) 2,4-Dinitrophenol	14.47	184	147758	80.445 ng	97
55) Dibenzofuran	14.72	168	660829	41.816 ng	99
56) 4-Nitrophenol	14.57	139	151298	80.931 ng	98
57) 2,4-Dinitrotoluene	14.71	165	171366	42.114 ng	96
58) Fluorene	15.37	166	539937	41.129 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.95	232	193040	44.741 ng	98
60) Diethylphthalate	15.14	149	534383	40.117 ng	100
61) 4-Chlorophenyl-phenylether	15.37	204	341950	40.801 ng	97
62) 4-Nitroaniline	15.43	138	77466	32.705 ng	95
63) Azobenzene	15.66	77	550931	42.504 ng	98
65) 4,6-Dinitro-2-methylphenol	15.47	198	105717	40.111 ng	97
66) n-Nitrosodiphenylamine	15.59	169	475521	40.891 ng	99
67) 4-Bromophenyl-phenylether	16.26	248	225602	39.487 ng	98
68) Hexachlorobenzene	16.36	284	271777	39.233 ng	98
69) Atrazine	16.54	200	132683	27.731 ng	100
70) Pentachlorophenol	16.72	266	332735	92.991 ng	99
71) Phenanthrene	17.12	178	945064	40.562 ng	99
72) Anthracene	17.20	178	906547	40.122 ng	100
73) Carbazole	17.49	167	786752	40.574 ng	99
74) Di-n-butylphthalate	18.03	149	950000	39.827 ng	99
75) Fluoranthene	19.13	202	1349612	41.655 ng	99
77) Benzidine	19.36	184	66749m	5.609 ng	
78) Pyrene	19.50	202	1407016	34.609 ng	100
80) Butylbenzylphthalate	20.40	149	488977	34.231 ng	98
81) Benzo(a)anthracene	21.25	228	1554579	34.685 ng	100
82) 3,3'-Dichlorobenzidine	21.19	252	439224	26.849 ng	99
83) Chrysene	21.30	228	1584242	36.581 ng	100
84) Bis(2-ethylhexyl)phthalate	21.16	149	743415	35.708 ng	100
85) Di-n-octyl phthalate	22.04	149	1348926	37.270 ng	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	2040307	38.964 ng	99
88) Benzo(b)fluoranthene	22.83	252	1860428	71.954 ng	99
89) Benzo(k)fluoranthene	22.87	252	1735893	69.175 ng	100
90) Benzo(a)pyrene	23.40	252	1690380	71.045 ng	100
91) Dibenzo(a,h)anthracene	25.78	278	1799299	73.877 ng	99
92) Benzo(g,h,i)perylene	26.47	276	1682079	74.503 ng	98

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

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