Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061520\
Data File : BM026389.D
Acq On : 15 Jun 2020 13:43
Operator : JU/CG
Sample : PB129537BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB129537BS

Manual Integrations APPROVED
mohammad
6/16/2020 11:05:31 AM

Quant Time: Jun 15 14:39:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 12:22:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	90679	20.00	ng	0.00
21) Naphthalene-d8	10.16	136	368185	20.00	ng	0.00
39) Acenaphthene-d10	14.06	164	230209	20.00	ng	0.00
64) Phenanthrene-d10	16.82	188	496749	20.00	ng	0.00
76) Chrysene-d12	21.02	240	526005	20.00	ng	0.00
86) Perylene-d12	23.11	264	550875	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	798098	155.61	ng	0.00
7) Phenol-d6	6.62	99	1089422	146.69	ng	0.00
23) Nitrobenzene-d5	8.55	82	711643	94.90	ng	0.00
42) 2,4,6-Tribromophenol	15.56	330	422549	151.53	ng	0.00
45) 2-Fluorobiphenyl	12.67	172	1473117	97.14	ng	0.00
79) Terphenyl-d14	19.47	244	2445684	90.26	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.02	88	99085	42.851	ng	100
3) Pyridine	3.40	79	280287	41.269	ng	99
4) n-Nitrosodimethylamine	3.32	42	159571	47.453	ng	94
6) Aniline	6.75	93	390027	40.038	ng	99
8) 2-Chlorophenol	6.98	128	300550	50.805	ng	100
9) Benzaldehyde	6.56	77	183689	38.789	ng	96
10) Phenol	6.64	94	411010	51.966	ng	99
11) bis(2-Chloroethyl)ether	6.85	93	289396	45.427	ng	98
12) 1,3-Dichlorobenzene	7.29	146	313643	47.887	ng	100
13) 1,4-Dichlorobenzene	7.44	146	319404	47.877	ng	99
14) 1,2-Dichlorobenzene	7.75	146	307644	47.208	ng	99
15) Benzyl Alcohol	7.66	79	291272	46.185	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.95	45	525572	44.175	ng	100
17) 2-Methylphenol	7.86	107	266306	46.068	ng	98
18) Hexachloroethane	8.46	117	121363	48.035	ng	99
19) n-Nitroso-di-n-propylamine	8.22	70	261413	45.170	ng	99
20) 3+4-Methylphenols	8.19	107	364026	46.203	ng	99
22) Acetophenone	8.23	105	453812	47.934	ng	98
24) Nitrobenzene	8.59	77	377509	48.091	ng	99
25) Isophorone	9.12	82	677424	48.086	ng	99
26) 2-Nitrophenol	9.30	139	162307	52.245	ng	97
27) 2,4-Dimethylphenol	9.37	122	269712	54.994	ng	95
28) bis(2-Chloroethoxy)methane	9.60	93	396796	49.646	ng	99
29) 2,4-Dichlorophenol	9.83	162	287707	53.467	ng	97
30) 1,2,4-Trichlorobenzene	10.03	180	289669	49.091	ng	98
31) Naphthalene	10.22	128	906512	48.858	ng	99
32) Benzoic acid	9.55	122	134403	35.577	ng	99
33) 4-Chloroaniline	10.34	127	206862	25.562	ng	99
34) Hexachlorobutadiene	10.50	225	178302	47.865	ng	98
35) Caprolactam	11.13	113	96892m	51.252	ng	
36) 4-Chloro-3-methylphenol	11.49	107	338752	51.663	ng	97
37) 2-Methylnaphthalene	11.84	142	657119	49.700	ng	100
38) 1-Methylnaphthalene	12.06	142	626331	50.007	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.22	216	332212	50.696	ng	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.20	237	420555	108.903 ng	99
43) 2,4,6-Trichlorophenol	12.47	196	228447	51.504 ng	97
44) 2,4,5-Trichlorophenol	12.55	196	249610	48.482 ng	100
46) 1,1'-Biphenyl	12.88	154	824753	51.101 ng	100
47) 2-Chloronaphthalene	12.92	162	644013	49.126 ng	99
48) 2-Nitroaniline	13.14	65	257481	49.558 ng	99
49) Acenaphthylene	13.77	152	1042207	49.705 ng	99
50) Dimethylphthalate	13.54	163	833961	49.528 ng	100
51) 2,6-Dinitrotoluene	13.65	165	184911	50.046 ng	97
52) Acenaphthene	14.13	154	617827	49.082 ng	99
53) 3-Nitroaniline	13.98	138	131473	31.954 ng	97
54) 2,4-Dinitrophenol	14.20	184	227259	101.201 ng	95
55) Dibenzofuran	14.46	168	997206	49.168 ng	100
56) 4-Nitrophenol	14.32	139	326596	100.097 ng	97
57) 2,4-Dinitrotoluene	14.45	165	261744	50.949 ng	98
58) Fluorene	15.12	166	817184	49.605 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.70	232	228318	51.846 ng	99
60) Diethylphthalate	14.92	149	847229	49.399 ng	99
61) 4-Chlorophenyl-phenylether	15.12	204	416239	47.635 ng	99
62) 4-Nitroaniline	15.16	138	204320	46.565 ng	98
63) Azobenzene	15.42	77	934305	49.790 ng	99
65) 4,6-Dinitro-2-methylphenol	15.22	198	157843	52.254 ng	97
66) n-Nitrosodiphenylamine	15.34	169	721343	50.126 ng	100
67) 4-Bromophenyl-phenylether	16.02	248	258710	47.310 ng	99
68) Hexachlorobenzene	16.13	284	285812	50.089 ng	98
69) Atrazine	16.31	200	240566	55.956 ng	98
70) Pentachlorophenol	16.48	266	347218	101.046 ng	97
71) Phenanthrene	16.86	178	1286233	49.722 ng	99
72) Anthracene	16.94	178	1320422	51.144 ng	100
73) Carbazole	17.22	167	1215605	49.651 ng	99
74) Di-n-butylphthalate	17.81	149	1470326	50.924 ng	99
75) Fluoranthene	18.88	202	1544295	52.070 ng	99
77) Benzidine	19.08	184	937856	85.838 ng	99
78) Pyrene	19.24	202	1573971	45.288 ng	99
80) Butylbenzylphthalate	20.18	149	674797	48.013 ng	99
81) Benzo(a)anthracene	21.01	228	1553389	49.200 ng	100
82) 3,3'-Dichlorobenzidine	20.95	252	373293	38.215 ng	100
83) Chrysene	21.06	228	1507120	50.091 ng	100
84) Bis(2-ethylhexyl)phthalate	20.97	149	1015511	50.675 ng	100
85) Di-n-octyl phthalate	21.82	149	1753337	56.716 ng	99
87) Indeno(1,2,3-cd)pyrene	25.16	276	1806937	56.704 ng	100
88) Benzo(b)fluoranthene	22.50	252	1570827	47.402 ng	99
89) Benzo(k)fluoranthene	22.54	252	1553425	48.251 ng	99
90) Benzo(a)pyrene	23.03	252	1437026	48.825 ng	100
91) Dibenzo(a,h)anthracene	25.17	278	1519055	57.100 ng	99
92) Benzo(g,h,i)perylene	25.78	276	1474071	58.228 ng	99

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

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