Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061520\
Data File : BM026392.D
Acq On : 15 Jun 2020 15:31
Operator : JU/CG
Sample : PB129539BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB129539BSD

Manual Integrations APPROVED
mohammad
6/16/2020 11:05:36 AM

Quant Time: Jun 15 16:20:09 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	96793	20.00	ng		0.00
21) Naphthalene-d8	10.16	136	401136	20.00	ng		0.00
39) Acenaphthene-d10	14.06	164	251728	20.00	ng		0.00
64) Phenanthrene-d10	16.82	188	549099	20.00	ng		0.00
76) Chrysene-d12	21.02	240	570449	20.00	ng		0.00
86) Perylene-d12	23.12	264	590086	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.04	112	827940	151.23	ng		0.00
7) Phenol-d6	6.62	99	1129180	142.44	ng		0.00
23) Nitrobenzene-d5	8.55	82	734209	89.87	ng		0.00
42) 2,4,6-Tribromophenol	15.56	330	435912	142.95	ng		0.00
45) 2-Fluorobiphenyl	12.67	172	1528509	92.17	ng		0.00
79) Terphenyl-d14	19.47	244	2522994	85.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.02	88	101750	41.224	ng		99
3) Pyridine	3.40	79	274739	37.897	ng		98
4) n-Nitrosodimethylamine	3.32	42	162916	45.387	ng		94
6) Aniline	6.75	93	427921	41.153	ng		99
8) 2-Chlorophenol	6.98	128	315081	49.897	ng		100
9) Benzaldehyde	6.56	77	201733	39.908	ng		97
10) Phenol	6.64	94	435784	51.618	ng		98
11) bis(2-Chloroethyl)ether	6.85	93	303677	44.658	ng		99
12) 1,3-Dichlorobenzene	7.29	146	324165	46.367	ng		99
13) 1,4-Dichlorobenzene	7.44	146	329344	46.249	ng		99
14) 1,2-Dichlorobenzene	7.75	146	320157	46.025	ng		98
15) Benzyl Alcohol	7.66	79	309875	46.032	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.95	45	541871	42.668	ng		100
17) 2-Methylphenol	7.86	107	280516	45.461	ng		99
18) Hexachloroethane	8.46	117	127224	47.174	ng		99
19) n-Nitroso-di-n-propylamine	8.22	70	278243	45.041	ng		99
20) 3+4-Methylphenols	8.19	107	382378	45.467	ng		99
22) Acetophenone	8.22	105	476903	46.235	ng	#	97
24) Nitrobenzene	8.59	77	393517	46.013	ng		99
25) Isophorone	9.12	82	716076	46.655	ng		100
26) 2-Nitrophenol	9.30	139	171295	50.609	ng		98
27) 2,4-Dimethylphenol	9.37	122	288354	53.966	ng		98
28) bis(2-Chloroethoxy)methane	9.60	93	416896	47.876	ng		99
29) 2,4-Dichlorophenol	9.83	162	298845	50.975	ng		98
30) 1,2,4-Trichlorobenzene	10.03	180	306489	47.675	ng		98
31) Naphthalene	10.22	128	946341	46.815	ng		99
32) Benzoic acid	9.55	122	146771	35.648	ng		100
33) 4-Chloroaniline	10.33	127	237814	26.973	ng		98
34) Hexachlorobutadiene	10.50	225	186355	45.918	ng		97
35) Caprolactam	11.13	113	101950m	49.498	ng		
36) 4-Chloro-3-methylphenol	11.48	107	362088	50.686	ng		99
37) 2-Methylnaphthalene	11.84	142	694907	48.241	ng		99
38) 1-Methylnaphthalene	12.06	142	663146	48.597	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.22	216	354083	49.414	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.20	237	441702	104.601 ng	98
43) 2,4,6-Trichlorophenol	12.47	196	243936	50.295 ng	97
44) 2,4,5-Trichlorophenol	12.55	196	265100	47.089 ng	99
46) 1,1'-Biphenyl	12.88	154	878855	49.798 ng	100
47) 2-Chloronaphthalene	12.92	162	680638	47.481 ng	99
48) 2-Nitroaniline	13.13	65	269551	47.446 ng	99
49) Acenaphthylene	13.77	152	1099431	47.952 ng	99
50) Dimethylphthalate	13.54	163	883716	47.996 ng	99
51) 2,6-Dinitrotoluene	13.65	165	197226	48.815 ng	98
52) Acenaphthene	14.12	154	657807	47.791 ng	99
53) 3-Nitroaniline	13.98	138	145336	32.304 ng	99
54) 2,4-Dinitrophenol	14.20	184	244263	99.475 ng	98
55) Dibenzofuran	14.46	168	1050950	47.388 ng	100
56) 4-Nitrophenol	14.32	139	345990	96.976 ng	97
57) 2,4-Dinitrotoluene	14.45	165	277617	49.419 ng	99
58) Fluorene	15.12	166	864457	47.989 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.70	232	239974	49.835 ng	99
60) Diethylphthalate	14.92	149	891862	47.556 ng	100
61) 4-Chlorophenyl-phenylether	15.12	204	442349	46.296 ng	99
62) 4-Nitroaniline	15.16	138	213650	44.529 ng	97
63) Azobenzene	15.42	77	985220	48.015 ng	99
65) 4,6-Dinitro-2-methylphenol	15.22	198	166348	49.819 ng	99
66) n-Nitrosodiphenylamine	15.35	169	762955	47.963 ng	99
67) 4-Bromophenyl-phenylether	16.02	248	272064	45.009 ng	99
68) Hexachlorobenzene	16.13	284	299986	47.560 ng	97
69) Atrazine	16.31	200	253957	53.439 ng	99
70) Pentachlorophenol	16.47	266	367600	96.778 ng	99
71) Phenanthrene	16.86	178	1357062	47.459 ng	100
72) Anthracene	16.94	178	1396361	48.929 ng	100
73) Carbazole	17.22	167	1271288	46.975 ng	99
74) Di-n-butylphthalate	17.81	149	1555183	48.728 ng	100
75) Fluoranthene	18.88	202	1629449	49.704 ng	100
77) Benzidine	19.08	184	940890	79.406 ng	99
78) Pyrene	19.24	202	1630575	43.261 ng	100
80) Butylbenzylphthalate	20.18	149	707684	46.430 ng	100
81) Benzo(a)anthracene	21.01	228	1610317	47.029 ng	100
82) 3,3'-Dichlorobenzidine	20.95	252	428180	40.418 ng	100
83) Chrysene	21.06	228	1590436	48.741 ng	100
84) Bis(2-ethylhexyl)phthalate	20.97	149	1066636	49.079 ng	99
85) Di-n-octyl phthalate	21.82	149	1819525	54.271 ng	100
87) Indeno(1,2,3-cd)pyrene	25.17	276	1900313	55.671 ng	99
88) Benzo(b)fluoranthene	22.50	252	1714314	48.295 ng	99
89) Benzo(k)fluoranthene	22.54	252	1587445	46.032 ng	100
90) Benzo(a)pyrene	23.03	252	1508830	47.858 ng	99
91) Dibenzo(a,h)anthracene	25.17	278	1607371	56.405 ng	99
92) Benzo(g,h,i)perylene	25.78	276	1552210	57.240 ng	100

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

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