Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050819\
Data File : BM020199.D
Acq On : 08 May 2019 17:44
Operator : JU/SJ
Sample : PB119532BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB119532BS

Manual Integrations APPROVED
Sohil
5/9/2019 6:45:30 PM

Quant Time: May 09 02:17:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	162631	20.00	ng		0.00
21) Naphthalene-d8	10.58	136	606067	20.00	ng		0.00
39) Acenaphthene-d10	14.43	164	362860	20.00	ng		0.00
64) Phenanthrene-d10	17.18	188	770550	20.00	ng		0.00
76) Chrysene-d12	21.36	240	614269	20.00	ng		0.00
87) Perylene-d12	23.65	264	617276	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1357440	136.44	ng		0.00
7) Phenol-d6	6.96	99	1860750	136.90	ng		0.00
23) Nitrobenzene-d5	8.95	82	1132489	73.77	ng		0.00
42) 2,4,6-Tribromophenol	15.93	330	747988	132.80	ng		0.00
45) 2-Fluorobiphenyl	13.05	172	2232738	75.71	ng		-0.01
79) Terphenyl-d14	19.80	244	3020834	85.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	168194	34.468	ng		91
3) Pyridine	3.70	79	441600	35.385	ng		98
4) n-Nitrosodimethylamine	3.62	42	136487	34.106	ng	#	70
6) Aniline	7.12	93	585087	34.196	ng		98
8) 2-Chlorophenol	7.35	128	417772	38.564	ng		99
9) Benzaldehyde	6.93	77	294595	28.636	ng		93
10) Phenol	6.99	94	574687	39.275	ng		93
11) bis(2-Chloroethyl)ether	7.22	93	412693	38.805	ng		98
12) 1,3-Dichlorobenzene	7.67	146	456521	36.219	ng		96
13) 1,4-Dichlorobenzene	7.82	146	465997	36.598	ng		97
14) 1,2-Dichlorobenzene	8.13	146	444934	36.678	ng		98
15) Benzyl Alcohol	8.03	79	481645	36.749	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.32	45	306100	34.711	ng		98
17) 2-Methylphenol	8.23	107	370668	39.352	ng		96
18) Hexachloroethane	8.85	117	186000	35.034	ng		97
19) n-Nitroso-di-n-propylamine	8.59	70	416167	35.788	ng		96
20) 3+4-Methylphenols	8.56	107	496046	39.624	ng		95
22) Acetophenone	8.62	105	660942	39.903	ng	#	94
24) Nitrobenzene	8.99	77	592336	37.215	ng		97
25) Isophorone	9.52	82	1029278	38.881	ng		99
26) 2-Nitrophenol	9.70	139	230969	48.066	ng		95
27) 2,4-Dimethylphenol	9.75	122	380724	47.591	ng		98
28) bis(2-Chloroethoxy)methane	10.00	93	564499	39.152	ng		99
29) 2,4-Dichlorophenol	10.23	162	423299	41.962	ng		98
30) 1,2,4-Trichlorobenzene	10.44	180	487048	39.238	ng		98
31) Naphthalene	10.63	128	1219623	38.778	ng		100
32) Benzoic acid	9.90	122	227120	41.017	ng		93
33) 4-Chloroaniline	10.75	127	253655	19.595	ng		98
34) Hexachlorobutadiene	10.89	225	320167	36.463	ng		95
35) Caprolactam	11.56	113	119005m	39.453	ng		
36) 4-Chloro-3-methylphenol	11.87	107	452075	38.135	ng		94
37) 2-Methylnaphthalene	12.25	142	916939	39.991	ng		96
38) 1-Methylnaphthalene	12.46	142	871767	38.881	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	571051	40.225	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	884892	105.862	ng		99
43) 2,4,6-Trichlorophenol	12.86	196	364510	45.178	ng		98
44) 2,4,5-Trichlorophenol	12.93	196	373563	41.445	ng		97
46) 1,1'-Biphenyl	13.26	154	1187239	39.751	ng		98
47) 2-Chloronaphthalene	13.30	162	954152	40.013	ng		99
48) 2-Nitroaniline	13.52	65	318338	37.497	ng		93
49) Acenaphthylene	14.15	152	1434601	37.591	ng		98
50) Dimethylphthalate	13.89	163	1148258	37.232	ng		99
51) 2,6-Dinitrotoluene	14.02	165	244359	37.619	ng		94
52) Acenaphthene	14.49	154	835940	38.197	ng		98
53) 3-Nitroaniline	14.35	138	135546	22.483	ng		99
54) 2,4-Dinitrophenol	14.56	184	290998	88.438	ng		93
55) Dibenzofuran	14.83	168	1392063	37.710	ng		96
56) 4-Nitrophenol	14.66	139	360446	70.075	ng		86
57) 2,4-Dinitrotoluene	14.80	165	336493	38.124	ng		92
58) Fluorene	15.48	166	1102601	36.369	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.06	232	341149	39.829	ng		96
60) Diethylphthalate	15.25	149	1076548	34.648	ng		99
61) 4-Chlorophenyl-phenylether	15.47	204	633408	36.873	ng		95
62) 4-Nitroaniline	15.52	138	216470	32.536	ng		91
63) Azobenzene	15.77	77	1229340	33.538	ng		97
65) 4,6-Dinitro-2-methylphenol	15.56	198	178171	46.151	ng		97
66) n-Nitrosodiphenylamine	15.69	169	950452	41.918	ng		98
67) 4-Bromophenyl-phenylether	16.37	248	384681	40.712	ng		96
68) Hexachlorobenzene	16.47	284	436226	40.119	ng		98
69) Atrazine	16.64	200	336922	38.024	ng		97
70) Pentachlorophenol	16.82	266	508792	81.783	ng		99
71) Phenanthrene	17.22	178	1622281	38.140	ng		99
72) Anthracene	17.31	178	1670347	39.277	ng		99
73) Carbazole	17.59	167	1382377	36.025	ng		99
74) Di-n-butylphthalate	18.14	149	1654652	35.830	ng		97
75) Fluoranthene	19.24	202	1849048	34.358	ng		99
77) Benzidine	19.43	184	952040	48.478	ng		99
78) Pyrene	19.60	202	1850288	44.865	ng		100
80) Butylbenzylphthalate	20.50	149	669043	44.610	ng		98
81) Benzo(a)anthracene	21.34	228	1571478	36.479	ng		99
82) 3,3'-Dichlorobenzidine	21.28	252	426711	25.953	ng		98
83) Chrysene	21.40	228	1559485	37.327	ng		100
84) Bis(2-ethylhexyl)phthalate	21.26	149	922663	39.647	ng		99
85) Di-n-octyl phthalate	22.16	149	1480120	38.266	ng		97
86) Indeno(1,2,3-cd)pyrene	25.99	276	1793359	36.087	ng	#	100
88) Benzo(b)fluoranthene	22.96	252	1505389	36.932	ng		99
89) Benzo(k)fluoranthene	23.00	252	1486693	39.984	ng		100
90) Benzo(a)pyrene	23.55	252	1474671	39.829	ng		99
91) Dibenzo(a,h)anthracene	26.00	278	1539411	39.980	ng		99
92) Benzo(g,h,i)perylene	26.70	276	1532958	41.934	ng		99

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

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