Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050119\
Data File : BM020087.D
Acq On : 01 May 2019 13:12
Operator : JU/SJ
Sample : PB119042BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB119042BS

Manual Integrations APPROVED
Sohil
5/2/2019 2:19:55 AM

Quant Time: May 02 01:51:19 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	145989	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	549544	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	331115	20.00	ng	0.00
64) Phenanthrene-d10	17.18	188	732298	20.00	ng	0.00
76) Chrysene-d12	21.36	240	622298	20.00	ng	0.00
87) Perylene-d12	23.65	264	518631	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1260894	141.18	ng	0.00
7) Phenol-d6	6.96	99	1688083	138.35	ng	0.00
23) Nitrobenzene-d5	8.96	82	1064811	76.50	ng	0.00
42) 2,4,6-Tribromophenol	15.93	330	673862	131.11	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	2047678	76.09	ng	0.00
79) Terphenyl-d14	19.80	244	3042184	85.27	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	148841	33.979	ng	96
3) Pyridine	3.70	79	380194	33.937	ng	98
4) n-Nitrosodimethylamine	3.62	42	141802	39.473	ng	93
6) Aniline	7.13	93	502997	32.749	ng	99
8) 2-Chlorophenol	7.36	128	379503	39.024	ng	99
9) Benzaldehyde	6.94	77	289910	31.393	ng	97
10) Phenol	6.98	94	514832	39.195	ng	99
11) bis(2-Chloroethyl)ether	7.23	93	363130	38.037	ng	98
12) 1,3-Dichlorobenzene	7.67	146	412529	36.460	ng	96
13) 1,4-Dichlorobenzene	7.83	146	424352	37.126	ng	95
14) 1,2-Dichlorobenzene	8.14	146	408979	37.557	ng	97
15) Benzyl Alcohol	8.03	79	448482	38.119	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.31	45	300287	37.933	ng	99
17) 2-Methylphenol	8.22	107	333205	39.407	ng	98
18) Hexachloroethane	8.86	117	171005	35.881	ng	97
19) n-Nitroso-di-n-propylamine	8.60	70	381533	36.549	ng	97
20) 3+4-Methylphenols	8.55	107	437742	38.953	ng	99
22) Acetophenone	8.62	105	617834	41.137	ng	98
24) Nitrobenzene	9.00	77	563847	39.069	ng	98
25) Isophorone	9.52	82	931256	38.796	ng	99
26) 2-Nitrophenol	9.70	139	180351	41.393	ng	97
27) 2,4-Dimethylphenol	9.76	122	339294	46.774	ng	98
28) bis(2-Chloroethoxy)methane	10.00	93	510260	39.030	ng	100
29) 2,4-Dichlorophenol	10.23	162	380542	41.603	ng	98
30) 1,2,4-Trichlorobenzene	10.45	180	450362	40.015	ng	98
31) Naphthalene	10.63	128	1126022	39.485	ng	99
32) Benzoic acid	9.89	122	176491	36.097	ng	98
33) 4-Chloroaniline	10.75	127	244034	20.791	ng	97
34) Hexachlorobutadiene	10.90	225	301003	37.806	ng	99
35) Caprolactam	11.54	113	98279m	35.933	ng	
36) 4-Chloro-3-methylphenol	11.86	107	414811	38.591	ng	97
37) 2-Methylnaphthalene	12.25	142	826780	39.767	ng	99
38) 1-Methylnaphthalene	12.47	142	785986	38.661	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	523427	40.405	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.59	237	710049	93.089	ng		98
43) 2,4,6-Trichlorophenol	12.86	196	319277	43.366	ng		99
44) 2,4,5-Trichlorophenol	12.92	196	340934	41.452	ng		95
46) 1,1'-Biphenyl	13.26	154	1086375	39.861	ng		99
47) 2-Chloronaphthalene	13.31	162	863340	39.675	ng		99
48) 2-Nitroaniline	13.52	65	299535	38.665	ng		98
49) Acenaphthylene	14.16	152	1301522	37.373	ng		100
50) Dimethylphthalate	13.90	163	1057639	37.582	ng		99
51) 2,6-Dinitrotoluene	14.02	165	222966	37.617	ng		94
52) Acenaphthene	14.50	154	763393	38.226	ng		98
53) 3-Nitroaniline	14.35	138	134897	24.521	ng		97
54) 2,4-Dinitrophenol	14.55	184	235050	79.256	ng		97
55) Dibenzofuran	14.83	168	1289458	38.279	ng		98
56) 4-Nitrophenol	14.65	139	348845	74.321	ng		99
57) 2,4-Dinitrotoluene	14.80	165	301504	37.435	ng		97
58) Fluorene	15.48	166	1022654	36.966	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.05	232	311574	39.863	ng		100
60) Diethylphthalate	15.26	149	1036851	36.569	ng		99
61) 4-Chlorophenyl-phenylether	15.48	204	597774	38.135	ng		95
62) 4-Nitroaniline	15.52	138	202757	33.397	ng		99
63) Azobenzene	15.77	77	1223042	36.565	ng		99
65) 4,6-Dinitro-2-methylphenol	15.56	198	143936	40.305	ng		96
66) n-Nitrosodiphenylamine	15.70	169	889937	41.300	ng		99
67) 4-Bromophenyl-phenylether	16.37	248	360875	40.187	ng		97
68) Hexachlorobenzene	16.47	284	413973	40.061	ng		97
69) Atrazine	16.64	200	318093	37.774	ng		97
70) Pentachlorophenol	16.82	266	488675	82.652	ng		98
71) Phenanthrene	17.22	178	1562255	38.647	ng		99
72) Anthracene	17.31	178	1580874	39.115	ng		99
73) Carbazole	17.59	167	1326944	36.386	ng		99
74) Di-n-butylphthalate	18.14	149	1609661	36.677	ng		98
75) Fluoranthene	19.24	202	1798753	35.169	ng		99
77) Benzidine	19.43	184	589711	29.641	ng		99
78) Pyrene	19.60	202	1817982	43.513	ng		100
80) Butylbenzylphthalate	20.50	149	639605	42.097	ng		97
81) Benzo(a)anthracene	21.35	228	1630844	37.369	ng		100
82) 3,3'-Dichlorobenzidine	21.29	252	526073	31.584	ng		100
83) Chrysene	21.40	228	1614159	38.137	ng		100
84) Bis(2-ethylhexyl)phthalate	21.27	149	907671	38.499	ng		100
85) Di-n-octyl phthalate	22.17	149	1437895	36.695	ng		99
86) Indeno(1,2,3-cd)pyrene	25.98	276	1662632	33.025	ng	#	100
88) Benzo(b)fluoranthene	22.96	252	1532828	44.757	ng		100
89) Benzo(k)fluoranthene	23.00	252	1544295	49.433	ng		99
90) Benzo(a)pyrene	23.55	252	1469746	47.247	ng		99
91) Dibenzo(a,h)anthracene	25.99	278	1440934	44.541	ng		99
92) Benzo(g,h,i)perylene	26.69	276	1390793	45.282	ng		98

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

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