Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
Data File : BM018489.D
Acq On : 10 Jan 2019 00:55
Operator : JU/SJ
Sample : K1081-04MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SUP-3B-C-1-010819MSD

Manual Integrations APPROVED
Sohil
1/10/2019 3:12:10 PM

Quant Time: Jan 10 06:42:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 12:39:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	531241	20.00	ng		0.00
21) Naphthalene-d8	10.56	136	2291165	20.00	ng		0.00
39) Acenaphthene-d10	14.42	164	1385769	20.00	ng		0.00
64) Phenanthrene-d10	17.16	188	3258247	20.00	ng		0.00
76) Chrysene-d12	21.36	240	2407852	20.00	ng		0.00
87) Perylene-d12	23.64	264	2349857	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	3685149	128.09	ng		0.00
7) Phenol-d6	6.95	99	4947042	135.38	ng		0.01
23) Nitrobenzene-d5	8.93	82	3048381	77.13	ng		0.01
42) 2,4,6-Tribromophenol	15.91	330	2420972	137.21	ng		0.00
45) 2-Fluorobiphenyl	13.03	172	7632296	71.87	ng		0.01
79) Terphenyl-d14	19.80	244	10695372	93.64	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	243223	20.742	ng		95
3) Pyridine	3.68	79	728599	24.922	ng		98
4) n-Nitrosodimethylamine	3.60	42	409024	33.835	ng	#	94
6) Aniline	7.11	93	396312	9.723	ng		99
8) 2-Chlorophenol	7.33	128	1262520	37.574	ng		96
9) Benzaldehyde	6.92	77	379047	15.237	ng		93
10) Phenol	6.97	94	1607946	43.303	ng		99
11) bis(2-Chloroethyl)ether	7.20	93	964840	33.069	ng		94
12) 1,3-Dichlorobenzene	7.65	146	1265377	31.622	ng		99
13) 1,4-Dichlorobenzene	7.80	146	1305564	32.190	ng		99
14) 1,2-Dichlorobenzene	8.11	146	1274237	33.133	ng		99
15) Benzyl Alcohol	8.01	79	937979	35.539	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.29	45	1217566	32.654	ng		94
17) 2-Methylphenol	8.22	107	998308	39.607	ng		99
18) Hexachloroethane	8.83	117	316324	21.874	ng		95
19) n-Nitroso-di-n-propylamine	8.57	70	801192	33.691	ng		92
20) 3+4-Methylphenols	8.54	107	1352177	38.861	ng		99
22) Acetophenone	8.59	105	1678241	29.610	ng	#	97
24) Nitrobenzene	8.97	77	1258194	32.355	ng		95
25) Isophorone	9.49	82	2246102	37.530	ng		97
26) 2-Nitrophenol	9.67	139	685443	36.453	ng		97
27) 2,4-Dimethylphenol	9.74	122	1152076	40.877	ng		99
28) bis(2-Chloroethoxy)methane	9.97	93	1361551	32.932	ng		99
29) 2,4-Dichlorophenol	10.21	162	1285644	38.308	ng		98
30) 1,2,4-Trichlorobenzene	10.42	180	1335143	32.051	ng		99
31) Naphthalene	10.61	128	3901013	35.353	ng		99
33) 4-Chloroaniline	10.73	127	506774	11.662	ng		98
34) Hexachlorobutadiene	10.87	225	778922	29.598	ng		98
35) Caprolactam	11.54	113	380124m	33.314	ng		
36) 4-Chloro-3-methylphenol	11.86	107	1358311	38.578	ng		97
37) 2-Methylnaphthalene	12.22	142	2930012	37.583	ng		100
38) 1-Methylnaphthalene	12.45	142	2783026	36.894	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.59	216	1528948	31.551	ng		98
41) Hexachlorocyclopentadiene	12.56	237	106046	3.987	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	12.84	196	1084351	36.848	ng		100
44) 2,4,5-Trichlorophenol	12.92	196	1203689	38.892	ng		97
46) 1,1'-Biphenyl	13.24	154	3726069	30.794	ng		99
47) 2-Chloronaphthalene	13.29	162	2974159	31.698	ng		99
48) 2-Nitroaniline	13.50	65	845227	36.615	ng		92
49) Acenaphthylene	14.14	152	4912465	35.926	ng		99
50) Dimethylphthalate	13.87	163	4304235	37.820	ng		99
51) 2,6-Dinitrotoluene	14.00	165	843569	34.992	ng		90
52) Acenaphthene	14.48	154	2829539	33.820	ng		99
53) 3-Nitroaniline	14.33	138	689256	28.360	ng		98
54) 2,4-Dinitrophenol	14.54	184	75472	12.464	ng		96
55) Dibenzofuran	14.82	168	4602713	33.295	ng		98
56) 4-Nitrophenol	14.66	139	1595629	75.995	ng		95
57) 2,4-Dinitrotoluene	14.79	165	1195731	35.056	ng		97
58) Fluorene	15.46	166	3782724	36.733	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.04	232	1089931	39.731	ng		97
60) Diethylphthalate	15.24	149	3834005	33.370	ng		98
61) 4-Chlorophenyl-phenylether	15.46	204	1886567	31.786	ng		98
62) 4-Nitroaniline	15.50	138	892449	33.665	ng		100
63) Azobenzene	15.75	77	3157913	33.712	ng		98
65) 4,6-Dinitro-2-methylphenol	15.55	198	197946	13.854	ng		85
66) n-Nitrosodiphenylamine	15.68	169	3358712	33.232	ng		100
67) 4-Bromophenyl-phenylether	16.36	248	1184054	32.474	ng		98
68) Hexachlorobenzene	16.46	284	1306203	32.000	ng		98
69) Atrazine	16.63	200	1244619	34.063	ng		98
70) Pentachlorophenol	16.82	266	1536955	57.493	ng		99
71) Phenanthrene	17.21	178	6145256	35.459	ng		100
72) Anthracene	17.30	178	6190808	37.148	ng		100
73) Carbazole	17.57	167	5620711	32.828	ng		100
74) Di-n-butylphthalate	18.13	149	6887796	36.726	ng		99
75) Fluoranthene	19.23	202	6580852	32.936	ng		98
77) Benzidine	19.42	184	2208729	37.151	ng		99
78) Pyrene	19.59	202	6346750	44.468	ng		99
80) Butylbenzylphthalate	20.49	149	2808200	46.110	ng		97
81) Benzo(a)anthracene	21.34	228	5230892	36.876	ng		100
82) 3,3'-Dichlorobenzidine	21.28	252	1447549	26.986	ng		98
83) Chrysene	21.39	228	4877158	35.605	ng		99
84) Bis(2-ethylhexyl)phthalate	21.26	149	3951908	44.937	ng		99
85) Di-n-octyl phthalate	22.16	149	6165182	41.681	ng	#	94
86) Indeno(1,2,3-cd)pyrene	25.98	276	5406558	34.230	ng		96
88) Benzo(b)fluoranthene	22.96	252	4759932	35.680	ng		98
89) Benzo(k)fluoranthene	23.00	252	4751146	35.339	ng		98
90) Benzo(a)pyrene	23.54	252	4682395	36.662	ng		99
91) Dibenzo(a,h)anthracene	25.99	278	4516354	34.900	ng		98
92) Benzo(g,h,i)perylene	26.70	276	4499225	35.727	ng		96

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

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