Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031819\
Data File : BM019214.D
Acq On : 18 Mar 2019 14:15
Operator : JU/SJ
Sample : K1933-01MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-1MS

Manual Integrations APPROVED
Sohil
3/19/2019 5:27:56 PM

Quant Time: Mar 19 07:30:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 11 17:30:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	255673	20.00	ng		-0.01
21) Naphthalene-d8	10.43	136	1097010	20.00	ng		-0.02
39) Acenaphthene-d10	14.30	164	628292	20.00	ng		-0.02
64) Phenanthrene-d10	17.06	188	1301691	20.00	ng		-0.01
76) Chrysene-d12	21.26	240	990406	20.00	ng		-0.01
87) Perylene-d12	23.50	264	925252	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	1943826	123.13	ng		0.00
7) Phenol-d6	6.84	99	3221238	139.49	ng		0.00
23) Nitrobenzene-d5	8.82	82	2030528	87.50	ng		-0.01
42) 2,4,6-Tribromophenol	15.81	330	1585009	170.86	ng		-0.01
45) 2-Fluorobiphenyl	12.92	172	4283821	88.69	ng		-0.02
79) Terphenyl-d14	19.70	244	7203995	144.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	151373	21.554	ng		99
3) Pyridine	3.61	79	458180	23.980	ng		99
4) n-Nitrosodimethylamine	3.53	42	156231	26.301	ng		93
6) Aniline	7.00	93	357817	12.002	ng		99
8) 2-Chlorophenol	7.22	128	635475	33.496	ng		98
9) Benzaldehyde	6.82	77	248210	17.088	ng		100
10) Phenol	6.86	94	944115	37.936	ng		99
11) bis(2-Chloroethyl)ether	7.09	93	591479	31.146	ng		99
12) 1,3-Dichlorobenzene	7.53	146	554988	27.643	ng		98
13) 1,4-Dichlorobenzene	7.69	146	578054	28.241	ng		99
14) 1,2-Dichlorobenzene	8.00	146	578026	29.026	ng		98
15) Benzyl Alcohol	7.90	79	690652	36.137	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.17	45	598387	30.860	ng		98
17) 2-Methylphenol	8.10	107	615731	37.967	ng		100
18) Hexachloroethane	8.71	117	206716	27.178	ng		95
19) n-Nitroso-di-n-propylamine	8.46	70	662785	34.985	ng		99
20) 3+4-Methylphenols	8.43	107	872446	39.633	ng		99
22) Acetophenone	8.48	105	1066909	35.192	ng	#	99
24) Nitrobenzene	8.86	77	877177	36.343	ng		99
25) Isophorone	9.38	82	1665496	37.610	ng		99
26) 2-Nitrophenol	9.56	139	384815	38.464	ng		99
27) 2,4-Dimethylphenol	9.62	122	704487	47.366	ng		99
28) bis(2-Chloroethoxy)methane	9.86	93	987214	37.650	ng		99
29) 2,4-Dichlorophenol	10.09	162	719437	43.675	ng		98
30) 1,2,4-Trichlorobenzene	10.30	180	655702	35.302	ng		100
31) Naphthalene	10.49	128	2097895	36.283	ng		99
32) Benzoic acid	9.79	122	299929m	23.811	ng		
33) 4-Chloroaniline	10.63	127	151652	6.398	ng		99
34) Hexachlorobutadiene	10.75	225	342431	32.126	ng		98
35) Caprolactam	11.45	113	241113m	41.091	ng		
36) 4-Chloro-3-methylphenol	11.74	107	812023	39.952	ng		100
37) 2-Methylnaphthalene	12.10	142	1668050	39.700	ng		100
38) 1-Methylnaphthalene	12.33	142	1590391	38.402	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	796594	40.081	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.43	237	608969	67.645	ng	99
43) 2,4,6-Trichlorophenol	12.73	196	581931	45.309	ng	98
44) 2,4,5-Trichlorophenol	12.80	196	609937	44.410	ng	99
46) 1,1'-Biphenyl	13.13	154	2122801	38.688	ng	99
47) 2-Chloronaphthalene	13.17	162	1681271	41.050	ng	100
48) 2-Nitroaniline	13.40	65	565637	41.180	ng	98
49) Acenaphthylene	14.03	152	2630830	37.990	ng	100
50) Dimethylphthalate	13.78	163	2277216	42.369	ng	99
51) 2,6-Dinitrotoluene	13.90	165	479730	41.290	ng	100
52) Acenaphthene	14.37	154	1533119	38.528	ng	98
53) 3-Nitroaniline	14.24	138	247775	20.135	ng	99
54) 2,4-Dinitrophenol	14.45	184	431126	63.894	ng	97
55) Dibenzofuran	14.71	168	2483531	38.701	ng	98
56) 4-Nitrophenol	14.56	139	955184	95.070	ng	97
57) 2,4-Dinitrotoluene	14.70	165	744062	44.117	ng	99
58) Fluorene	15.36	166	2074250	39.214	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	583397	45.628	ng	99
60) Diethylphthalate	15.14	149	2367769	43.497	ng	98
61) 4-Chlorophenyl-phenylether	15.36	204	1015234	39.517	ng	99
62) 4-Nitroaniline	15.42	138	527779	42.558	ng	100
63) Azobenzene	15.65	77	2291188	39.999	ng	99
65) 4,6-Dinitro-2-methylphenol	15.46	198	368993	43.259	ng	97
66) n-Nitrosodiphenylamine	15.58	169	1944592	46.924	ng	99
67) 4-Bromophenyl-phenylether	16.25	248	647390	45.101	ng	98
68) Hexachlorobenzene	16.36	284	783914	45.935	ng	98
69) Atrazine	16.54	200	603112	43.233	ng	98
70) Pentachlorophenol	16.71	266	1066095	103.687	ng	100
71) Phenanthrene	17.10	178	3595833	47.130	ng	100
72) Anthracene	17.20	178	3726187	49.888	ng	99
73) Carbazole	17.48	167	3598279	51.042	ng	99
74) Di-n-butylphthalate	18.03	149	4925467	57.779	ng	100
75) Fluoranthene	19.13	202	4304562	49.168	ng	100
77) Benzidine	19.33	184	1006423	35.830	ng	99
78) Pyrene	19.49	202	4302270	68.656	ng	100
80) Butylbenzylphthalate	20.40	149	2144746	78.580	ng	100
81) Benzo(a)anthracene	21.24	228	3478574	55.985	ng	99
82) 3,3'-Dichlorobenzidine	21.19	252	686805	28.693	ng	98
83) Chrysene	21.30	228	3349480	55.721	ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	3151735	79.373	ng	99
85) Di-n-octyl phthalate	22.04	149	4689022	70.128	ng	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	4072106	62.930	ng	100
88) Benzo(b)fluoranthene	22.83	252	3303877	55.107	ng	99
89) Benzo(k)fluoranthene	22.87	252	3348955	60.731	ng	99
90) Benzo(a)pyrene	23.40	252	3224612	59.850	ng	100
91) Dibenzo(a,h)anthracene	25.77	278	3477874	67.479	ng	100
92) Benzo(g,h,i)perylene	26.46	276	3297374	69.684	ng	98

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

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