Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031819\
Data File : BM019225.D
Acq On : 18 Mar 2019 20:53
Operator : JU/SJ
Sample : K1947-03MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MS

Manual Integrations APPROVED
Sohil
3/19/2019 5:28:03 PM

Quant Time: Mar 19 07:36:06 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	204519	20.00	ng		-0.02
21) Naphthalene-d8	10.43	136	912773	20.00	ng		-0.02
39) Acenaphthene-d10	14.30	164	564810	20.00	ng		-0.02
64) Phenanthrene-d10	17.06	188	1233040	20.00	ng		-0.02
76) Chrysene-d12	21.26	240	1012532	20.00	ng		-0.02
87) Perylene-d12	23.49	264	893983	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	1933962	153.14	ng		0.00
7) Phenol-d6	6.84	99	2923847	158.28	ng		0.00
23) Nitrobenzene-d5	8.82	82	1817595	94.13	ng		-0.01
42) 2,4,6-Tribromophenol	15.81	330	1316674	157.89	ng		-0.01
45) 2-Fluorobiphenyl	12.92	172	3907138	89.98	ng		-0.02
79) Terphenyl-d14	19.70	244	5606797	109.93	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	182369	32.462	ng		98
3) Pyridine	3.61	79	342194	22.389	ng		98
4) n-Nitrosodimethylamine	3.53	42	174939	36.817	ng		99
6) Aniline	7.00	93	719148	30.154	ng		99
8) 2-Chlorophenol	7.22	128	706363	46.545	ng		98
9) Benzaldehyde	6.81	77	251141	21.615	ng		99
10) Phenol	6.86	94	1018085	51.140	ng		99
11) bis(2-Chloroethyl)ether	7.09	93	629595	41.446	ng		99
12) 1,3-Dichlorobenzene	7.53	146	650027	40.475	ng		100
13) 1,4-Dichlorobenzene	7.68	146	674174	41.175	ng		99
14) 1,2-Dichlorobenzene	7.99	146	666554	41.843	ng		99
15) Benzyl Alcohol	7.90	79	685954	44.868	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.18	45	628721	40.534	ng		100
17) 2-Methylphenol	8.10	107	634252	48.891	ng		99
18) Hexachloroethane	8.70	117	246015	40.436	ng		96
19) n-Nitroso-di-n-propylamine	8.46	70	637882	42.092	ng		98
20) 3+4-Methylphenols	8.43	107	870593	49.440	ng		99
22) Acetophenone	8.48	105	1069798	42.410	ng	#	100
24) Nitrobenzene	8.86	77	893154	44.475	ng		99
25) Isophorone	9.38	82	1640829	44.532	ng		99
26) 2-Nitrophenol	9.56	139	393565	47.279	ng		99
27) 2,4-Dimethylphenol	9.62	122	699306	56.508	ng		99
28) bis(2-Chloroethoxy)methane	9.86	93	978328	44.842	ng		99
29) 2,4-Dichlorophenol	10.09	162	721181	52.618	ng		99
30) 1,2,4-Trichlorobenzene	10.29	180	705462	45.647	ng		100
31) Naphthalene	10.48	128	2163933	44.979	ng		100
32) Benzoic acid	9.79	122	360876m	34.432	ng		
33) 4-Chloroaniline	10.62	127	411175	20.849	ng		100
34) Hexachlorobutadiene	10.75	225	370103	41.730	ng		99
35) Caprolactam	11.45	113	238622m	48.874	ng		
36) 4-Chloro-3-methylphenol	11.75	107	839410	49.635	ng		98
37) 2-Methylnaphthalene	12.10	142	1668749	47.733	ng		99
38) 1-Methylnaphthalene	12.33	142	1597035	46.346	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	804718	45.041	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.43	237	675068	83.416 ng	98
43) 2,4,6-Trichlorophenol	12.73	196	600447	52.005 ng	98
44) 2,4,5-Trichlorophenol	12.80	196	637835	51.661 ng	98
46) 1,1'-Biphenyl	13.13	154	2171588	44.026 ng	98
47) 2-Chloronaphthalene	13.17	162	1694856	46.033 ng	99
48) 2-Nitroaniline	13.40	65	584131	47.306 ng	96
49) Acenaphthylene	14.03	152	2802019	45.009 ng	99
50) Dimethylphthalate	13.77	163	2542010	52.611 ng	99
51) 2,6-Dinitrotoluene	13.90	165	492210	47.125 ng	96
52) Acenaphthene	14.37	154	1611315	45.044 ng	99
53) 3-Nitroaniline	14.24	138	350050	31.644 ng	99
54) 2,4-Dinitrophenol	14.45	184	342851	56.523 ng	97
55) Dibenzofuran	14.70	168	2626043	45.521 ng	100
56) 4-Nitrophenol	14.56	139	780814	86.450 ng	94
57) 2,4-Dinitrotoluene	14.70	165	696169	45.917 ng	100
58) Fluorene	15.36	166	2178269	45.809 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	569348	49.534 ng	99
60) Diethylphthalate	15.14	149	2254953	46.081 ng	100
61) 4-Chlorophenyl-phenylether	15.36	204	1069066	46.290 ng	96
62) 4-Nitroaniline	15.42	138	451811	40.527 ng	98
63) Azobenzene	15.65	77	2353738	45.710 ng	98
65) 4,6-Dinitro-2-methylphenol	15.46	198	280416	34.705 ng	99
66) n-Nitrosodiphenylamine	15.58	169	1888075	48.097 ng	99
67) 4-Bromophenyl-phenylether	16.25	248	643846	47.351 ng	97
68) Hexachlorobenzene	16.36	284	756733	46.811 ng	96
69) Atrazine	16.54	200	648199	49.052 ng	99
70) Pentachlorophenol	16.71	266	874055	89.742 ng	99
71) Phenanthrene	17.10	178	3266145	45.192 ng	100
72) Anthracene	17.19	178	3346465	47.298 ng	99
73) Carbazole	17.47	167	2968541	44.454 ng	99
74) Di-n-butylphthalate	18.03	149	3904274	48.349 ng	100
75) Fluoranthene	19.13	202	3473045	41.879 ng	99
77) Benzidine	19.33	184	703325	24.492 ng	99
78) Pyrene	19.49	202	3457713	53.973 ng	100
80) Butylbenzylphthalate	20.40	149	1661164	59.532 ng	98
81) Benzo(a)anthracene	21.24	228	2795239	44.004 ng	100
82) 3,3'-Dichlorobenzidine	21.19	252	898234	36.706 ng	99
83) Chrysene	21.30	228	2672237	43.483 ng	100
84) Bis(2-ethylhexyl)phthalate	21.16	149	2459406	60.584 ng	99
85) Di-n-octyl phthalate	22.04	149	3786176	55.388 ng	100
86) Indeno(1,2,3-cd)pyrene	25.76	276	2892961	43.731 ng	99
88) Benzo(b)fluoranthene	22.81	252	2544175	43.920 ng	99
89) Benzo(k)fluoranthene	22.86	252	2546281	47.790 ng	99
90) Benzo(a)pyrene	23.39	252	2401011	46.122 ng	100
91) Dibenzo(a,h)anthracene	25.76	278	2460729	49.414 ng	99
92) Benzo(g,h,i)perylene	26.44	276	2321085	50.768 ng	99

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

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