Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
Data File : BM019048.D
Acq On : 05 Mar 2019 22:08
Operator : JU/SJ
Sample : K1714-16MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-D-0-2MSD

Manual Integrations APPROVED
Sohil
3/6/2019 5:20:37 PM

Quant Time: Mar 06 06:35:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 03:36:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	231817	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	907591	20.00	ng		0.00
39) Acenaphthene-d10	14.33	164	508312	20.00	ng		0.00
64) Phenanthrene-d10	17.08	188	1126216	20.00	ng		0.00
76) Chrysene-d12	21.28	240	1223592	20.00	ng		0.00
87) Perylene-d12	23.52	264	1100742	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1883622	133.13	ng		0.00
7) Phenol-d6	6.86	99	2619798	131.44	ng		0.00
23) Nitrobenzene-d5	8.85	82	1661133	84.63	ng		0.00
42) 2,4,6-Tribromophenol	15.83	330	1037517	141.60	ng		0.00
45) 2-Fluorobiphenyl	12.94	172	3341369	87.26	ng		-0.01
79) Terphenyl-d14	19.72	244	5382522	90.75	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	215208	34.924	ng		99
3) Pyridine	3.63	79	575758	34.253	ng		99
4) n-Nitrosodimethylamine	3.55	42	202878	47.445	ng		96
6) Aniline	7.02	93	426259	17.455	ng		100
8) 2-Chlorophenol	7.25	128	668487	43.035	ng		99
9) Benzaldehyde	6.83	77	460755	43.202	ng		99
10) Phenol	6.88	94	937949	44.724	ng		98
11) bis(2-Chloroethyl)ether	7.12	93	647038	40.445	ng		99
12) 1,3-Dichlorobenzene	7.56	146	699020	40.020	ng		97
13) 1,4-Dichlorobenzene	7.71	146	717731	40.363	ng		100
14) 1,2-Dichlorobenzene	8.02	146	690230	40.410	ng		100
15) Benzyl Alcohol	7.93	79	647356	40.875	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.19	45	644445	41.621	ng		95
17) 2-Methylphenol	8.12	107	576643	43.201	ng		95
18) Hexachloroethane	8.73	117	265671	40.928	ng		96
19) n-Nitroso-di-n-propylamine	8.49	70	596177	38.631	ng		99
20) 3+4-Methylphenols	8.45	107	771101	41.836	ng		99
22) Acetophenone	8.50	105	995806	39.954	ng	#	99
24) Nitrobenzene	8.89	77	841967	41.325	ng		100
25) Isophorone	9.40	82	1495682	47.756	ng		99
26) 2-Nitrophenol	9.59	139	352251	43.414	ng		99
27) 2,4-Dimethylphenol	9.65	122	593609	50.091	ng		100
28) bis(2-Chloroethoxy)methane	9.89	93	882667	43.582	ng		99
29) 2,4-Dichlorophenol	10.12	162	615114	45.204	ng		100
30) 1,2,4-Trichlorobenzene	10.32	180	657343	41.830	ng		98
31) Naphthalene	10.51	128	1990158	44.961	ng		99
32) Benzoic acid	9.79	122	249684m	24.153	ng		
33) 4-Chloroaniline	10.65	127	168732	8.528	ng		98
34) Hexachlorobutadiene	10.77	225	360011	39.469	ng		100
35) Caprolactam	11.46	113	196063m	35.305	ng		
36) 4-Chloro-3-methylphenol	11.77	107	704939	42.968	ng		99
37) 2-Methylnaphthalene	12.13	142	1449967	46.526	ng		99
38) 1-Methylnaphthalene	12.35	142	1379053	45.252	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	691513	42.527	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	727460	87.503 ng	99
43) 2,4,6-Trichlorophenol	12.75	196	494268	45.917 ng	99
44) 2,4,5-Trichlorophenol	12.83	196	515861	45.722 ng	98
46) 1,1'-Biphenyl	13.16	154	1846734	42.207 ng	99
47) 2-Chloronaphthalene	13.20	162	1433355	42.413 ng	99
48) 2-Nitroaniline	13.42	65	485401	43.246 ng	98
49) Acenaphthylene	14.05	152	2337371	46.449 ng	100
50) Dimethylphthalate	13.80	163	2084857	49.215 ng	100
51) 2,6-Dinitrotoluene	13.93	165	403495	43.970 ng	97
52) Acenaphthene	14.39	154	1344009	43.557 ng	99
53) 3-Nitroaniline	14.26	138	219695	21.188 ng	98
54) 2,4-Dinitrophenol	14.47	184	485660	83.160 ng	99
55) Dibenzofuran	14.73	168	2181171	43.007 ng	98
56) 4-Nitrophenol	14.57	139	721184	87.130 ng	97
57) 2,4-Dinitrotoluene	14.72	165	573990	45.397 ng	98
58) Fluorene	15.38	166	1778214	45.831 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.96	232	466848	46.812 ng	100
60) Diethylphthalate	15.16	149	1882566	43.080 ng	99
61) 4-Chlorophenyl-phenylether	15.38	204	886929	40.770 ng	97
62) 4-Nitroaniline	15.43	138	400558	39.405 ng	97
63) Azobenzene	15.67	77	2007272	42.841 ng	99
65) 4,6-Dinitro-2-methylphenol	15.47	198	308305	38.990 ng	100
66) n-Nitrosodiphenylamine	15.60	169	1559666	43.833 ng	100
67) 4-Bromophenyl-phenylether	16.27	248	530019	42.045 ng	99
68) Hexachlorobenzene	16.37	284	623805	42.573 ng	98
69) Atrazine	16.56	200	542379	47.282 ng	98
70) Pentachlorophenol	16.73	266	789003	83.629 ng	98
71) Phenanthrene	17.13	178	2772639	45.810 ng	100
72) Anthracene	17.22	178	2836823	48.155 ng	100
73) Carbazole	17.50	167	2626409	42.673 ng	100
74) Di-n-butylphthalate	18.05	149	3365736	47.550 ng	99
75) Fluoranthene	19.14	202	3267447	46.736 ng	98
77) Benzidine	19.35	184	1423328	51.650 ng	100
78) Pyrene	19.52	202	3348510	47.119 ng	100
80) Butylbenzylphthalate	20.42	149	1630603	50.347 ng	99
81) Benzo(a)anthracene	21.26	228	3174456	44.507 ng	99
82) 3,3'-Dichlorobenzidine	21.20	252	868156	30.798 ng	100
83) Chrysene	21.32	228	3056236	44.705 ng	100
84) Bis(2-ethylhexyl)phthalate	21.19	149	2384043	50.294 ng	100
85) Di-n-octyl phthalate	22.06	149	4077681	51.183 ng	100
86) Indeno(1,2,3-cd)pyrene	25.80	276	3220240	40.799 ng	100
88) Benzo(b)fluoranthene	22.84	252	3041104	48.289 ng	100
89) Benzo(k)fluoranthene	22.89	252	2994060	47.754 ng	100
90) Benzo(a)pyrene	23.43	252	2837257	47.557 ng	99
91) Dibenzo(a,h)anthracene	25.81	278	2751325	46.548 ng	99
92) Benzo(g,h,i)perylene	26.50	276	2598761	47.226 ng	99

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

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