Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020419\
Data File : BM018723.D
Acq On : 04 Feb 2019 17:48
Operator : JU/SJ
Sample : K1361-01MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-006-ABCDMS

Manual Integrations APPROVED
mohammad
2/5/2019 8:41:25 AM

Quant Time: Feb 05 02:46:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 04 15:10:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	224140	20.00	ng		0.00
21) Naphthalene-d8	10.50	136	837967	20.00	ng		0.00
39) Acenaphthene-d10	14.37	164	418302	20.00	ng		0.00
64) Phenanthrene-d10	17.12	188	841382	20.00	ng		0.00
76) Chrysene-d12	21.32	240	818291	20.00	ng		0.00
87) Perylene-d12	23.57	264	889156	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	1511064	124.48	ng		0.00
7) Phenol-d6	6.89	99	1897735	123.09	ng		0.00
23) Nitrobenzene-d5	8.89	82	1121621	77.59	ng		0.00
42) 2,4,6-Tribromophenol	15.86	330	596324	111.96	ng		0.00
45) 2-Fluorobiphenyl	12.99	172	2470734	77.07	ng		0.00
79) Terphenyl-d14	19.75	244	2999236	77.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	214083	43.272	ng		98
3) Pyridine	3.66	79	251816	20.415	ng		98
4) n-Nitrosodimethylamine	3.58	42	289804	56.818	ng	#	92
6) Aniline	7.06	93	636726	37.023	ng		98
8) 2-Chlorophenol	7.29	128	744141	52.489	ng		95
9) Benzaldehyde	6.87	77	399213	47.553	ng		99
10) Phenol	6.92	94	942813	60.179	ng		99
11) bis(2-Chloroethyl)ether	7.16	93	600224	48.758	ng		98
12) 1,3-Dichlorobenzene	7.60	146	813389	48.176	ng		99
13) 1,4-Dichlorobenzene	7.75	146	831496	48.591	ng		100
14) 1,2-Dichlorobenzene	8.07	146	792707	48.854	ng		99
15) Benzyl Alcohol	7.97	79	563343	50.590	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.24	45	803686	51.087	ng		97
17) 2-Methylphenol	8.16	107	555609	52.246	ng		99
18) Hexachloroethane	8.78	117	290224	47.567	ng		97
19) n-Nitroso-di-n-propylamine	8.53	70	464492	46.295	ng		93
20) 3+4-Methylphenols	8.49	107	738209	50.284	ng		98
22) Acetophenone	8.55	105	972298	46.905	ng		98
24) Nitrobenzene	8.93	77	709467	49.883	ng		99
25) Isophorone	9.45	82	1204005	55.005	ng		99
26) 2-Nitrophenol	9.63	139	368535	53.588	ng		95
27) 2,4-Dimethylphenol	9.69	122	596823	57.899	ng		98
28) bis(2-Chloroethoxy)methane	9.93	93	770562	50.959	ng		98
29) 2,4-Dichlorophenol	10.16	162	639850	52.129	ng		98
30) 1,2,4-Trichlorobenzene	10.37	180	740937	48.633	ng		99
31) Naphthalene	10.56	128	2141379	53.061	ng		99
32) Benzoic acid	9.80	122	195052m	30.799	ng		
33) 4-Chloroaniline	10.68	127	290792	18.296	ng		99
34) Hexachlorobutadiene	10.82	225	444789	46.212	ng		99
35) Caprolactam	11.49	113	139913m	33.527	ng		
36) 4-Chloro-3-methylphenol	11.80	107	622745	48.359	ng		99
37) 2-Methylnaphthalene	12.17	142	1507653	52.875	ng		99
38) 1-Methylnaphthalene	12.40	142	1429686	51.821	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.55	216	771967	52.774	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.51	237	928912	115.706	ng	100
43) 2,4,6-Trichlorophenol	12.79	196	486566	54.776	ng	99
44) 2,4,5-Trichlorophenol	12.86	196	506501	54.216	ng	98
46) 1,1'-Biphenyl	13.20	154	1860088	50.928	ng	99
47) 2-Chloronaphthalene	13.24	162	1448783	51.152	ng	99
48) 2-Nitroaniline	13.46	65	358131	51.396	ng	92
49) Acenaphthylene	14.09	152	2258151	54.709	ng	99
50) Dimethylphthalate	13.83	163	1921717	55.939	ng	99
51) 2,6-Dinitrotoluene	13.96	165	369451	50.770	ng	90
52) Acenaphthene	14.43	154	1294202	51.246	ng	99
53) 3-Nitroaniline	14.29	138	235558	32.108	ng	97
54) 2,4-Dinitrophenol	14.50	184	338315	85.351	ng	93
55) Dibenzofuran	14.77	168	2051954	49.175	ng	100
56) 4-Nitrophenol	14.60	139	609152	96.113	ng	97
57) 2,4-Dinitrotoluene	14.74	165	500118	48.573	ng	99
58) Fluorene	15.42	166	1609911	51.791	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.00	232	436926	52.764	ng	96
60) Diethylphthalate	15.20	149	1627528	46.929	ng	99
61) 4-Chlorophenyl-phenylether	15.42	204	823245	45.951	ng	98
62) 4-Nitroaniline	15.46	138	332355	41.533	ng	95
63) Azobenzene	15.71	77	1367468	48.362	ng	97
65) 4,6-Dinitro-2-methylphenol	15.51	198	253348	47.326	ng	88
66) n-Nitrosodiphenylamine	15.63	169	1376088	52.725	ng	100
67) 4-Bromophenyl-phenylether	16.31	248	478178	50.786	ng	99
68) Hexachlorobenzene	16.42	284	530967	50.373	ng	98
69) Atrazine	16.59	200	450032	47.697	ng	99
70) Pentachlorophenol	16.77	266	607728	88.035	ng	99
71) Phenanthrene	17.16	178	2408354	53.814	ng	99
72) Anthracene	17.25	178	2429188	56.447	ng	100
73) Carbazole	17.53	167	2162290	48.906	ng	99
74) Di-n-butylphthalate	18.09	149	2556831	52.794	ng	99
75) Fluoranthene	19.18	202	2658945	51.533	ng	99
77) Benzidine	19.38	184	469354	23.230	ng	100
78) Pyrene	19.55	202	2712334	55.920	ng	100
80) Butylbenzylphthalate	20.45	149	1102314	53.259	ng	97
81) Benzo(a)anthracene	21.30	228	2639802	54.760	ng	99
82) 3,3'-Dichlorobenzidine	21.24	252	646179	35.448	ng	100
83) Chrysene	21.35	228	2493812	53.572	ng	99
84) Bis(2-ethylhexyl)phthalate	21.22	149	1574047	52.667	ng	99
85) Di-n-octyl phthalate	22.10	149	2696585	53.645	ng	95
86) Indeno(1,2,3-cd)pyrene	25.87	276	3487882	64.978	ng	98
88) Benzo(b)fluoranthene	22.89	252	2671988	52.932	ng	99
89) Benzo(k)fluoranthene	22.94	252	2671515	52.514	ng	99
90) Benzo(a)pyrene	23.48	252	2702118	55.913	ng	98
91) Dibenzo(a,h)anthracene	25.89	278	2920911	59.651	ng	99
92) Benzo(g,h,i)perylene	26.58	276	2943043	61.762	ng	97

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

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