Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012519\
Data File : BM018652.D
Acq On : 25 Jan 2019 14:54
Operator : JU/SJ
Sample : K1157-13MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-07-011519MS

Manual Integrations APPROVED
mohammad
1/29/2019 12:26:56 AM

Quant Time: Jan 25 16:43:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 22:01:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	201379	20.00	ng		-0.01
21) Naphthalene-d8	10.52	136	805298	20.00	ng		0.00
39) Acenaphthene-d10	14.38	164	444471	20.00	ng		0.00
64) Phenanthrene-d10	17.13	188	1014030	20.00	ng		0.00
76) Chrysene-d12	21.33	240	1189290	20.00	ng		0.00
87) Perylene-d12	23.59	264	1213306	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1183416	108.51	ng		0.00
7) Phenol-d6	6.90	99	1491832	107.70	ng		0.00
23) Nitrobenzene-d5	8.90	82	895757	64.48	ng		0.00
42) 2,4,6-Tribromophenol	15.87	330	584538	103.29	ng		-0.01
45) 2-Fluorobiphenyl	13.00	172	2008866	58.98	ng		0.00
79) Terphenyl-d14	19.76	244	3199470	56.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	118435	26.644	ng		99
3) Pyridine	3.66	79	307072	27.709	ng		97
4) n-Nitrosodimethylamine	3.58	42	169598	37.009	ng	#	94
6) Aniline	7.07	93	184069	11.913	ng		99
8) 2-Chlorophenol	7.30	128	452988	35.564	ng		95
9) Benzaldehyde	6.89	77	110116	11.369	ng		97
10) Phenol	6.93	94	538076	38.227	ng		99
11) bis(2-Chloroethyl)ether	7.17	93	364654	32.970	ng		94
12) 1,3-Dichlorobenzene	7.62	146	485788	32.025	ng		99
13) 1,4-Dichlorobenzene	7.76	146	498478	32.422	ng		98
14) 1,2-Dichlorobenzene	8.08	146	479593	32.897	ng		99
15) Benzyl Alcohol	7.98	79	349710	34.954	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.26	45	466885	33.032	ng		95
17) 2-Methylphenol	8.18	107	348403	36.464	ng		100
18) Hexachloroethane	8.80	117	178208	32.509	ng		96
19) n-Nitroso-di-n-propylamine	8.54	70	291091	32.291	ng		92
20) 3+4-Methylphenols	8.50	107	471085	35.716	ng		98
22) Acetophenone	8.56	105	608388	30.540	ng	#	97
24) Nitrobenzene	8.94	77	440524	32.230	ng		97
25) Isophorone	9.46	82	785768	37.354	ng		98
26) 2-Nitrophenol	9.65	139	239736	36.274	ng		96
27) 2,4-Dimethylphenol	9.70	122	382380	38.600	ng		98
28) bis(2-Chloroethoxy)methane	9.94	93	494915	34.058	ng		98
29) 2,4-Dichlorophenol	10.17	162	417845	35.423	ng		99
30) 1,2,4-Trichlorobenzene	10.38	180	457429	31.242	ng		98
31) Naphthalene	10.57	128	1333134	34.374	ng		99
32) Benzoic acid	9.83	122	252655m	39.251	ng		
33) 4-Chloroaniline	10.70	127	131072	8.581	ng		98
34) Hexachlorobutadiene	10.84	225	277892	30.043	ng		99
35) Caprolactam	11.50	113	120629m	30.078	ng		
36) 4-Chloro-3-methylphenol	11.82	107	425598	34.391	ng		98
37) 2-Methylnaphthalene	12.19	142	965260	35.226	ng		100
38) 1-Methylnaphthalene	12.41	142	917286	34.597	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.56	216	499245	32.120	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.52	237	564357	66.158	ng		99
43) 2,4,6-Trichlorophenol	12.80	196	340606	36.086	ng		98
44) 2,4,5-Trichlorophenol	12.87	196	360019	36.268	ng		98
46) 1,1'-Biphenyl	13.21	154	1207017	31.101	ng		98
47) 2-Chloronaphthalene	13.25	162	941397	31.281	ng		99
48) 2-Nitroaniline	13.47	65	253722	34.268	ng		94
49) Acenaphthylene	14.10	152	1534800	34.995	ng		100
50) Dimethylphthalate	13.85	163	1372828	37.608	ng		100
51) 2,6-Dinitrotoluene	13.97	165	262265	33.918	ng		94
52) Acenaphthene	14.45	154	860027	32.049	ng		100
53) 3-Nitroaniline	14.30	138	196177	25.166	ng		96
54) 2,4-Dinitrophenol	14.51	184	306020	73.729	ng		90
55) Dibenzofuran	14.78	168	1414983	31.913	ng		100
56) 4-Nitrophenol	14.62	139	491348	72.961	ng		95
57) 2,4-Dinitrotoluene	14.76	165	366114	33.465	ng		99
58) Fluorene	15.43	166	1129243	34.189	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.00	232	329877	37.491	ng		98
60) Diethylphthalate	15.21	149	1206989	32.754	ng		99
61) 4-Chlorophenyl-phenylether	15.43	204	574415	30.175	ng		99
62) 4-Nitroaniline	15.47	138	277117	32.591	ng		97
63) Azobenzene	15.72	77	954566	31.771	ng		96
65) 4,6-Dinitro-2-methylphenol	15.52	198	206130	33.702	ng		90
66) n-Nitrosodiphenylamine	15.65	169	1005482	31.966	ng		98
67) 4-Bromophenyl-phenylether	16.32	248	351282	30.957	ng		99
68) Hexachlorobenzene	16.43	284	390667	30.753	ng		97
69) Atrazine	16.60	200	373787	32.871	ng		98
70) Pentachlorophenol	16.78	266	537738	64.634	ng		98
71) Phenanthrene	17.17	178	1910575	35.423	ng		99
72) Anthracene	17.26	178	1864827	35.955	ng		100
73) Carbazole	17.54	167	1757593	32.984	ng		99
74) Di-n-butylphthalate	18.10	149	2105886	36.079	ng		99
75) Fluoranthene	19.19	202	2438985	39.222	ng		98
77) Benzidine	19.39	184	481605	16.400	ng		99
78) Pyrene	19.56	202	2510759	35.616	ng		100
80) Butylbenzylphthalate	20.46	149	1064457	35.386	ng		94
81) Benzo(a)anthracene	21.31	228	2489789	35.536	ng		100
82) 3,3'-Dichlorobenzidine	21.25	252	526227	19.862	ng		98
83) Chrysene	21.36	228	2345541	34.668	ng		99
84) Bis(2-ethylhexyl)phthalate	21.23	149	1649255	37.969	ng		100
85) Di-n-octyl phthalate	22.12	149	2775567	37.992	ng	#	95
86) Indeno(1,2,3-cd)pyrene	25.90	276	2730456	34.999	ng		97
88) Benzo(b)fluoranthene	22.91	252	2505088	36.368	ng		98
89) Benzo(k)fluoranthene	22.96	252	2318404	33.398	ng		98
90) Benzo(a)pyrene	23.50	252	2343864	35.543	ng		98
91) Dibenzo(a,h)anthracene	25.91	278	2287779	34.239	ng		99
92) Benzo(g,h,i)perylene	26.60	276	2275458	34.995	ng		97

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

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