Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052319\
Data File : BM020518.D
Acq On : 23 May 2019 16:32
Operator : JU/SJ
Sample : K2966-04MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FESB-16(2.4-2.9)MSD

Manual Integrations APPROVED
Sohil
5/24/2019 5:01:36 PM

Quant Time: May 24 02:54:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 23 13:59:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	50660	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	168866	20.00	ng		0.00
39) Acenaphthene-d10	14.33	164	98501	20.00	ng		0.00
64) Phenanthrene-d10	17.09	188	243465	20.00	ng		0.00
76) Chrysene-d12	21.28	240	282556	20.00	ng		0.00
87) Perylene-d12	23.53	264	328006	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	354302	114.32	ng		0.00
7) Phenol-d6	6.85	99	471170	111.28	ng		0.00
23) Nitrobenzene-d5	8.84	82	306962	71.77	ng		0.00
42) 2,4,6-Tribromophenol	15.83	330	200620	131.22	ng		0.00
45) 2-Fluorobiphenyl	12.94	172	589108	73.58	ng		0.00
79) Terphenyl-d14	19.72	244	1045485	64.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	45875	30.180	ng	#	87
3) Pyridine	3.58	79	92250	23.730	ng	#	89
4) n-Nitrosodimethylamine	3.50	42	34243	27.469	ng	#	45
6) Aniline	7.01	93	86247	16.182	ng		92
8) 2-Chlorophenol	7.23	128	121773	36.085	ng		95
9) Benzaldehyde	6.83	77	86474	26.984	ng		90
10) Phenol	6.87	94	173089	37.974	ng		85
11) bis(2-Chloroethyl)ether	7.11	93	114606	34.594	ng		90
12) 1,3-Dichlorobenzene	7.56	146	136802	34.842	ng	#	93
13) 1,4-Dichlorobenzene	7.70	146	139197	35.094	ng		94
14) 1,2-Dichlorobenzene	8.02	146	132600	35.090	ng		97
15) Benzyl Alcohol	7.92	79	113329	27.758	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.20	45	76943	28.010	ng		88
17) 2-Methylphenol	8.12	107	101595	34.625	ng		94
18) Hexachloroethane	8.73	117	52013	31.450	ng		89
19) n-Nitroso-di-n-propylamine	8.48	70	103394	28.543	ng		94
20) 3+4-Methylphenols	8.45	107	132580	33.998	ng		94
22) Acetophenone	8.50	105	183298	39.717	ng	#	94
24) Nitrobenzene	8.89	77	158515	35.743	ng		93
25) Isophorone	9.40	82	267575	36.276	ng		98
26) 2-Nitrophenol	9.59	139	56664	42.322	ng		93
27) 2,4-Dimethylphenol	9.65	122	95533	42.859	ng		96
28) bis(2-Chloroethoxy)methane	9.89	93	144013	35.849	ng		97
29) 2,4-Dichlorophenol	10.12	162	114485	40.732	ng		98
30) 1,2,4-Trichlorobenzene	10.32	180	141353	40.872	ng		98
31) Naphthalene	10.51	128	332069	37.894	ng		99
32) Benzoic acid	9.77	122	51753m	34.749	ng		
33) 4-Chloroaniline	10.65	127	38216	10.596	ng		95
34) Hexachlorobutadiene	10.77	225	98415	40.226	ng		99
35) Caprolactam	11.45	113	26415	31.430	ng		95
36) 4-Chloro-3-methylphenol	11.77	107	115574	34.991	ng		89
37) 2-Methylnaphthalene	12.13	142	239004	37.411	ng		96
38) 1-Methylnaphthalene	12.35	142	227436	36.406	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	170610	44.271	ng	#	96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	145556	64.147	ng		99
43) 2,4,6-Trichlorophenol	12.76	196	102908	46.986	ng		99
44) 2,4,5-Trichlorophenol	12.83	196	104949	42.893	ng		94
46) 1,1'-Biphenyl	13.16	154	314801	38.828	ng		99
47) 2-Chloronaphthalene	13.20	162	255833	39.521	ng		97
48) 2-Nitroaniline	13.43	65	66394	28.810	ng		89
49) Acenaphthylene	14.05	152	384079	37.074	ng		99
50) Dimethylphthalate	13.79	163	405086	48.387	ng		100
51) 2,6-Dinitrotoluene	13.93	165	66175	37.529	ng		87
52) Acenaphthene	14.39	154	223975	37.701	ng		99
53) 3-Nitroaniline	14.26	138	23935	14.625	ng		95
54) 2,4-Dinitrophenol	14.48	184	66337	75.626	ng	#	84
55) Dibenzofuran	14.73	168	390045	38.923	ng		95
56) 4-Nitrophenol	14.57	139	89811	64.320	ng		92
57) 2,4-Dinitrotoluene	14.72	165	89685	37.432	ng	#	95
58) Fluorene	15.39	166	304762	37.031	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.96	232	103941	44.703	ng	#	90
60) Diethylphthalate	15.16	149	297273	35.245	ng		98
61) 4-Chlorophenyl-phenylether	15.38	204	189287	40.593	ng		91
62) 4-Nitroaniline	15.43	138	44841m	24.828	ng		
63) Azobenzene	15.67	77	320084	32.168	ng		94
65) 4,6-Dinitro-2-methylphenol	15.49	198	47382	39.978	ng		91
66) n-Nitrosodiphenylamine	15.60	169	265373	37.042	ng		98
67) 4-Bromophenyl-phenylether	16.27	248	116804	39.124	ng		92
68) Hexachlorobenzene	16.38	284	139224	40.524	ng	#	94
69) Atrazine	16.56	200	95959	34.275	ng		93
70) Pentachlorophenol	16.73	266	159302	81.041	ng		98
71) Phenanthrene	17.13	178	492312	36.632	ng		99
72) Anthracene	17.22	178	488932	36.387	ng		99
73) Carbazole	17.50	167	424794	35.036	ng		98
74) Di-n-butylphthalate	18.04	149	468359	32.099	ng		98
75) Fluoranthene	19.15	202	637471	37.489	ng		99
77) Benzidine	19.35	184	108094	11.966	ng		100
78) Pyrene	19.52	202	654749	34.514	ng		99
80) Butylbenzylphthalate	20.42	149	209398	30.353	ng		96
81) Benzo(a)anthracene	21.27	228	681341	34.384	ng		99
82) 3,3'-Dichlorobenzidine	21.20	252	136481	18.046	ng	#	99
83) Chrysene	21.32	228	688159	35.808	ng		100
84) Bis(2-ethylhexyl)phthalate	21.18	149	329599	30.790	ng		99
85) Di-n-octyl phthalate	22.06	149	590584	33.193	ng	#	96
86) Indeno(1,2,3-cd)pyrene	25.81	276	944174	41.304	ng	#	100
88) Benzo(b)fluoranthene	22.85	252	790654m	36.503	ng		
89) Benzo(k)fluoranthene	22.89	252	721601m	36.522	ng		
90) Benzo(a)pyrene	23.43	252	743309	37.781	ng		99
91) Dibenzo(a,h)anthracene	25.81	278	809374	39.558	ng		98
92) Benzo(g,h,i)perylene	26.51	276	791500	40.746	ng		98

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

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