Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082119\
Data File : BM022226.D
Acq On : 21 Aug 2019 13:16
Operator : HP/JU
Sample : K4237-06MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-05(13-14)MSD

Manual Integrations APPROVED
Jagrut
8/22/2019 2:00:08 PM

Quant Time: Aug 21 14:36:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 20 02:18:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	33285	20.00	ng		-0.01
21) Naphthalene-d8	10.34	136	126563	20.00	ng		0.00
39) Acenaphthene-d10	14.22	164	76018	20.00	ng		0.00
64) Phenanthrene-d10	16.99	188	140646	20.00	ng		0.00
76) Chrysene-d12	21.19	240	125762	20.00	ng		0.00
87) Perylene-d12	23.39	264	146941	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	195705	104.77	ng		0.00
7) Phenol-d6	6.76	99	258360	103.87	ng		0.00
23) Nitrobenzene-d5	8.73	82	189062	72.65	ng		-0.01
42) 2,4,6-Tribromophenol	15.73	330	119049	96.76	ng		0.00
45) 2-Fluorobiphenyl	12.83	172	431391	70.88	ng		0.00
79) Terphenyl-d14	19.63	244	555914	64.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	22673	28.971	ng	#	82
3) Pyridine	3.57	79	52645	26.553	ng	#	83
4) n-Nitrosodimethylamine	3.49	42	42279	35.594	ng	#	53
6) Aniline	6.92	93	46092	13.840	ng	#	93
8) 2-Chlorophenol	7.13	128	75532	33.963	ng		93
9) Benzaldehyde	6.74	77	37712	23.925	ng		87
10) Phenol	6.79	94	90427	34.339	ng		76
11) bis(2-Chloroethyl)ether	7.02	93	64257	30.846	ng		96
12) 1,3-Dichlorobenzene	7.45	146	83332	30.742	ng	#	92
13) 1,4-Dichlorobenzene	7.60	146	84362	30.655	ng		98
14) 1,2-Dichlorobenzene	7.91	146	81461	30.393	ng		98
15) Benzyl Alcohol	7.83	79	66398	30.366	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.10	45	85619	29.665	ng		98
17) 2-Methylphenol	8.02	107	61680	32.839	ng	#	90
18) Hexachloroethane	8.62	117	36115	30.228	ng		94
19) n-Nitroso-di-n-propylamine	8.38	70	57941	29.572	ng	#	88
20) 3+4-Methylphenols	8.35	107	80092	31.574	ng		92
22) Acetophenone	8.40	105	112833	34.752	ng	#	90
24) Nitrobenzene	8.78	77	93985	35.277	ng		93
25) Isophorone	9.30	82	154105	33.370	ng	#	97
26) 2-Nitrophenol	9.48	139	39147	34.689	ng	#	68
27) 2,4-Dimethylphenol	9.53	122	65509	38.511	ng		88
28) bis(2-Chloroethoxy)methane	9.77	93	91816	33.607	ng		98
29) 2,4-Dichlorophenol	10.00	162	73037	35.581	ng		99
30) 1,2,4-Trichlorobenzene	10.20	180	84967	33.604	ng		98
31) Naphthalene	10.39	128	224262	34.117	ng		100
33) 4-Chloroaniline	10.54	127	16195	5.887	ng	#	95
34) Hexachlorobutadiene	10.65	225	72695	33.508	ng		98
35) Caprolactam	11.36	113	15424m	27.953	ng		
36) 4-Chloro-3-methylphenol	11.66	107	72665	33.490	ng		96
37) 2-Methylnaphthalene	12.01	142	161094	33.529	ng	#	92
38) 1-Methylnaphthalene	12.23	142	152627	33.257	ng	#	98
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	109466	36.788	ng		99
41) Hexachlorocyclopentadiene	12.34	237	103752	62.196	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	12.64	196	62834	35.226	ng		98
44) 2,4,5-Trichlorophenol	12.72	196	63009	34.800	ng	#	92
46) 1,1'-Biphenyl	13.04	154	209253	35.002	ng		98
47) 2-Chloronaphthalene	13.09	162	163726	33.277	ng		95
48) 2-Nitroaniline	13.33	65	48176	30.978	ng	#	81
49) Acenaphthylene	13.94	152	257359	34.102	ng		99
50) Dimethylphthalate	13.70	163	300148	46.963	ng		100
51) 2,6-Dinitrotoluene	13.83	165	42420	33.609	ng	#	56
52) Acenaphthene	14.29	154	146302	33.243	ng		98
53) 3-Nitroaniline	14.17	138	22352	17.783	ng		99
54) 2,4-Dinitrophenol	14.40	184	8908	16.663	ng	#	65
55) Dibenzofuran	14.63	168	244081	33.376	ng	#	89
56) 4-Nitrophenol	14.49	139	58072	69.321	ng	#	51
57) 2,4-Dinitrotoluene	14.64	165	57354	31.653	ng	#	59
58) Fluorene	15.28	166	190282	30.864	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.86	232	59559	32.993	ng	#	93
60) Diethylphthalate	15.07	149	215496	31.974	ng		96
61) 4-Chlorophenyl-phenylether	15.28	204	121029	31.149	ng		95
62) 4-Nitroaniline	15.34	138	32741	28.144	ng	#	50
63) Azobenzene	15.57	77	212910	32.783	ng		83
65) 4,6-Dinitro-2-methylphenol	15.40	198	23486	28.653	ng		86
66) n-Nitrosodiphenylamine	15.50	169	158138	35.066	ng		99
67) 4-Bromophenyl-phenylether	16.17	248	71575	34.342	ng	#	91
68) Hexachlorobenzene	16.28	284	76089	32.135	ng	#	84
69) Atrazine	16.47	200	59429	39.795	ng		97
70) Pentachlorophenol	16.64	266	69732	60.532	ng		99
71) Phenanthrene	17.03	178	267355	32.779	ng		98
72) Anthracene	17.12	178	272560	33.664	ng		99
73) Carbazole	17.41	167	217584	32.206	ng	#	97
74) Di-n-butylphthalate	17.96	149	319676	31.186	ng	#	97
75) Fluoranthene	19.06	202	303152	30.822	ng		98
77) Benzidine	19.27	184	94149	33.377	ng		99
78) Pyrene	19.42	202	302812	34.208	ng		99
80) Butylbenzylphthalate	20.33	149	126203	31.875	ng	#	82
81) Benzo(a)anthracene	21.18	228	287813	32.542	ng		99
82) 3,3'-Dichlorobenzidine	21.12	252	88816	28.802	ng		99
83) Chrysene	21.23	228	281792	33.005	ng		99
84) Bis(2-ethylhexyl)phthalate	21.10	149	189161	31.768	ng	#	91
85) Di-n-octyl phthalate	21.97	149	302059	31.341	ng	#	93
86) Indeno(1,2,3-cd)pyrene	25.59	276	391338	40.920	ng		96
88) Benzo(b)fluoranthene	22.73	252	310769m	31.674	ng		
89) Benzo(k)fluoranthene	22.78	252	294655	30.723	ng		99
90) Benzo(a)pyrene	23.30	252	298667	33.425	ng		99
91) Dibenzo(a,h)anthracene	25.59	278	328566	34.606	ng	#	98
92) Benzo(g,h,i)perylene	26.26	276	307057	36.992	ng		96

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

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