Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082119\
Data File : BM022229.D
Acq On : 21 Aug 2019 15:07
Operator : HP/JU
Sample : K4408-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SP-1MSD

Manual Integrations APPROVED
Jagrut
8/22/2019 2:00:13 PM

Quant Time: Aug 21 15:40:32 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	35178	20.00	ng		-0.01
21) Naphthalene-d8	10.34	136	137504	20.00	ng		0.00
39) Acenaphthene-d10	14.22	164	83912	20.00	ng		0.00
64) Phenanthrene-d10	16.99	188	153003	20.00	ng		0.00
76) Chrysene-d12	21.19	240	128405	20.00	ng		0.00
87) Perylene-d12	23.39	264	146243	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	222053	112.48	ng		0.00
7) Phenol-d6	6.76	99	297643	113.22	ng		0.00
23) Nitrobenzene-d5	8.74	82	214066	75.72	ng		0.00
42) 2,4,6-Tribromophenol	15.73	330	141010	103.82	ng		0.00
45) 2-Fluorobiphenyl	12.83	172	420484	62.59	ng		0.00
79) Terphenyl-d14	19.63	244	559956	63.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	29903	36.153	ng	#	81
3) Pyridine	3.56	79	75010	35.797	ng	#	87
4) n-Nitrosodimethylamine	3.49	42	56691	45.159	ng	#	57
6) Aniline	6.92	93	93195	26.478	ng		93
8) 2-Chlorophenol	7.14	128	103442	44.009	ng		96
9) Benzaldehyde	6.74	77	44366	26.632	ng		93
10) Phenol	6.79	94	128532	46.182	ng		77
11) bis(2-Chloroethyl)ether	7.02	93	84258	38.271	ng		93
12) 1,3-Dichlorobenzene	7.45	146	109987	38.392	ng	#	92
13) 1,4-Dichlorobenzene	7.60	146	112681	38.742	ng		98
14) 1,2-Dichlorobenzene	7.91	146	110905	39.152	ng		98
15) Benzyl Alcohol	7.83	79	94109	40.724	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.10	45	114920	37.674	ng		98
17) 2-Methylphenol	8.02	107	83862	42.246	ng	#	92
18) Hexachloroethane	8.62	117	49912	39.527	ng		90
19) n-Nitroso-di-n-propylamine	8.38	70	78666	37.990	ng	#	87
20) 3+4-Methylphenols	8.35	107	110804	41.331	ng		92
22) Acetophenone	8.40	105	150229	42.588	ng	#	91
24) Nitrobenzene	8.78	77	126524	43.711	ng		93
25) Isophorone	9.30	82	209811	41.818	ng		97
26) 2-Nitrophenol	9.47	139	54762	44.664	ng	#	69
27) 2,4-Dimethylphenol	9.54	122	92017	49.790	ng		90
28) bis(2-Chloroethoxy)methane	9.77	93	124387	41.906	ng		99
29) 2,4-Dichlorophenol	10.00	162	100228	44.942	ng		96
30) 1,2,4-Trichlorobenzene	10.20	180	117457	42.758	ng		100
31) Naphthalene	10.39	128	305948	42.840	ng		99
32) Benzoic acid	9.73	122	55732	35.327	ng		94
33) 4-Chloroaniline	10.54	127	26540	8.880	ng		96
34) Hexachlorobutadiene	10.65	225	100251	42.532	ng		99
35) Caprolactam	11.36	113	23240m	38.767	ng		
36) 4-Chloro-3-methylphenol	11.66	107	101769	43.172	ng		94
37) 2-Methylnaphthalene	12.01	142	221768	42.484	ng	#	90
38) 1-Methylnaphthalene	12.23	142	210402	42.198	ng	#	98
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	152917	46.556	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.34	237	158233	81.938	ng		98
43) 2,4,6-Trichlorophenol	12.64	196	89820	45.618	ng		98
44) 2,4,5-Trichlorophenol	12.72	196	92740	46.402	ng	#	94
46) 1,1'-Biphenyl	13.04	154	292304	44.294	ng		98
47) 2-Chloronaphthalene	13.09	162	233459	42.986	ng		96
48) 2-Nitroaniline	13.33	65	68078	39.657	ng		84
49) Acenaphthylene	13.94	152	361015	43.337	ng		99
50) Dimethylphthalate	13.70	163	344777	48.871	ng		100
51) 2,6-Dinitrotoluene	13.83	165	59588	42.770	ng	#	57
52) Acenaphthene	14.29	154	204508	42.097	ng		98
53) 3-Nitroaniline	14.17	138	24770	17.853	ng		95
54) 2,4-Dinitrophenol	14.40	184	57726	73.201	ng	#	71
55) Dibenzofuran	14.63	168	341995	42.365	ng	#	89
56) 4-Nitrophenol	14.49	139	84330	91.196	ng	#	53
57) 2,4-Dinitrotoluene	14.63	165	80949	40.472	ng	#	44
58) Fluorene	15.28	166	274746	40.372	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.86	232	85325	42.820	ng	#	93
60) Diethylphthalate	15.07	149	296795	39.895	ng		97
61) 4-Chlorophenyl-phenylether	15.28	204	177173	41.309	ng		97
62) 4-Nitroaniline	15.34	138	44826	34.907	ng	#	51
63) Azobenzene	15.57	77	298354	41.618	ng		83
65) 4,6-Dinitro-2-methylphenol	15.40	198	39822	41.342	ng		87
66) n-Nitrosodiphenylamine	15.50	169	221473	45.144	ng		98
67) 4-Bromophenyl-phenylether	16.17	248	99456	43.866	ng	#	90
68) Hexachlorobenzene	16.28	284	107671	41.801	ng	#	83
69) Atrazine	16.47	200	81157	49.956	ng		97
70) Pentachlorophenol	16.64	266	114825	91.625	ng		99
71) Phenanthrene	17.03	178	371250	41.841	ng		99
72) Anthracene	17.12	178	378917	43.021	ng		98
73) Carbazole	17.40	167	298088	40.559	ng		98
74) Di-n-butylphthalate	17.96	149	446096	40.005	ng	#	98
75) Fluoranthene	19.06	202	414436	38.733	ng		98
77) Benzidine	19.26	184	171795	59.650	ng		99
78) Pyrene	19.42	202	413322	45.731	ng		99
80) Butylbenzylphthalate	20.33	149	172619	42.701	ng		91
81) Benzo(a)anthracene	21.18	228	377712	41.828	ng		97
82) 3,3'-Dichlorobenzidine	21.12	252	91524	29.069	ng		100
83) Chrysene	21.23	228	368419	42.264	ng		99
84) Bis(2-ethylhexyl)phthalate	21.10	149	250314	41.173	ng	#	94
85) Di-n-octyl phthalate	21.97	149	396940	40.338	ng	#	94
86) Indeno(1,2,3-cd)pyrene	25.59	276	518504	53.101	ng		96
88) Benzo(b)fluoranthene	22.73	252	402066	41.174	ng		99
89) Benzo(k)fluoranthene	22.77	252	383635	40.191	ng		99
90) Benzo(a)pyrene	23.30	252	392468	44.132	ng	#	98
91) Dibenzo(a,h)anthracene	25.59	278	435471	46.085	ng		98
92) Benzo(g,h,i)perylene	26.26	276	411709	49.837	ng	#	96

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

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