Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
Data File : BM019062.D
Acq On : 06 Mar 2019 08:47
Operator : JU/SJ
Sample : K1705-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MS

Manual Integrations APPROVED
Sohil
3/6/2019 5:26:21 PM

Quant Time: Mar 06 11:01:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 03:36:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	264598	20.00	ng		-0.01
21) Naphthalene-d8	10.46	136	1049594	20.00	ng		-0.01
39) Acenaphthene-d10	14.33	164	578101	20.00	ng		0.00
64) Phenanthrene-d10	17.08	188	1301275	20.00	ng		0.00
76) Chrysene-d12	21.28	240	1390380	20.00	ng		0.00
87) Perylene-d12	23.52	264	1302498	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1895225	117.36	ng		0.00
7) Phenol-d6	6.86	99	2654578	116.68	ng		0.00
23) Nitrobenzene-d5	8.84	82	1671496	73.64	ng		-0.01
42) 2,4,6-Tribromophenol	15.83	330	1035879	124.31	ng		0.00
45) 2-Fluorobiphenyl	12.94	172	3128283	71.83	ng		-0.01
79) Terphenyl-d14	19.72	244	4910264	72.85	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	177889	25.291	ng		98
3) Pyridine	3.63	79	435155	22.681	ng		99
4) n-Nitrosodimethylamine	3.55	42	169414	34.710	ng		93
6) Aniline	7.02	93	318923	11.441	ng		99
8) 2-Chlorophenol	7.24	128	597430	33.696	ng		99
9) Benzaldehyde	6.83	77	418282	31.813	ng		98
10) Phenol	6.88	94	833499	34.820	ng		99
11) bis(2-Chloroethyl)ether	7.12	93	570870	31.263	ng		99
12) 1,3-Dichlorobenzene	7.56	146	605496	30.371	ng		98
13) 1,4-Dichlorobenzene	7.70	146	620855	30.589	ng		98
14) 1,2-Dichlorobenzene	8.02	146	602105	30.884	ng		98
15) Benzyl Alcohol	7.92	79	575380	31.830	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.20	45	561026	31.745	ng		98
17) 2-Methylphenol	8.12	107	510494	33.507	ng		97
18) Hexachloroethane	8.73	117	225240	30.400	ng		97
19) n-Nitroso-di-n-propylamine	8.48	70	529180	30.042	ng		99
20) 3+4-Methylphenols	8.45	107	686685	32.640	ng		98
22) Acetophenone	8.50	105	880651	30.553	ng	#	99
24) Nitrobenzene	8.89	77	751064	31.876	ng		98
25) Isophorone	9.40	82	1305252	36.037	ng		100
26) 2-Nitrophenol	9.59	139	317792	33.868	ng		97
27) 2,4-Dimethylphenol	9.65	122	532749	38.873	ng		99
28) bis(2-Chloroethoxy)methane	9.89	93	777591	33.200	ng		100
29) 2,4-Dichlorophenol	10.11	162	541664	34.421	ng		99
30) 1,2,4-Trichlorobenzene	10.32	180	572802	31.519	ng		98
31) Naphthalene	10.51	128	1746633	34.121	ng		99
32) Benzoic acid	9.80	122	376940m	31.530	ng		
33) 4-Chloroaniline	10.65	127	144863	6.331	ng		99
34) Hexachlorobutadiene	10.77	225	309051	29.298	ng		99
35) Caprolactam	11.45	113	173904m	27.078	ng		
36) 4-Chloro-3-methylphenol	11.76	107	612331	32.274	ng		98
37) 2-Methylnaphthalene	12.13	142	1248058	34.629	ng		98
38) 1-Methylnaphthalene	12.35	142	1196779	33.958	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	593849	32.112	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	495375	52.393 ng	98
43) 2,4,6-Trichlorophenol	12.75	196	428704	35.018 ng	99
44) 2,4,5-Trichlorophenol	12.82	196	456058	35.542 ng	99
46) 1,1'-Biphenyl	13.15	154	1580766	31.767 ng	99
47) 2-Chloronaphthalene	13.20	162	1237291	32.192 ng	99
48) 2-Nitroaniline	13.42	65	423696	33.192 ng	98
49) Acenaphthylene	14.05	152	2002016	34.982 ng	99
50) Dimethylphthalate	13.79	163	1805647	37.478 ng	99
51) 2,6-Dinitrotoluene	13.92	165	349238	33.463 ng	99
52) Acenaphthene	14.39	154	1144201	32.605 ng	99
53) 3-Nitroaniline	14.26	138	167708	14.222 ng	95
54) 2,4-Dinitrophenol	14.47	184	390954	60.546 ng	96
55) Dibenzofuran	14.73	168	1849078	32.058 ng	99
56) 4-Nitrophenol	14.57	139	634095	67.360 ng	96
57) 2,4-Dinitrotoluene	14.72	165	500735	34.823 ng	97
58) Fluorene	15.38	166	1507622	34.166 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.96	232	407308	35.912 ng	100
60) Diethylphthalate	15.16	149	1596793	32.130 ng	99
61) 4-Chlorophenyl-phenylether	15.37	204	745952	30.150 ng	99
62) 4-Nitroaniline	15.43	138	333032	28.807 ng	98
63) Azobenzene	15.67	77	1690456	31.723 ng	100
65) 4,6-Dinitro-2-methylphenol	15.47	198	250702	27.440 ng	99
66) n-Nitrosodiphenylamine	15.60	169	1344750	32.709 ng	100
67) 4-Bromophenyl-phenylether	16.27	248	446600	30.661 ng	98
68) Hexachlorobenzene	16.37	284	529143	31.254 ng	97
69) Atrazine	16.56	200	472376	35.640 ng	100
70) Pentachlorophenol	16.73	266	686420	62.968 ng	99
71) Phenanthrene	17.12	178	2382569	34.070 ng	99
72) Anthracene	17.22	178	2430566	35.708 ng	100
73) Carbazole	17.50	167	2317891	32.594 ng	99
74) Di-n-butylphthalate	18.04	149	2812701	34.391 ng	100
75) Fluoranthene	19.14	202	2818702	34.893 ng	98
77) Benzidine	19.34	184	925408	29.553 ng	100
78) Pyrene	19.51	202	2905658	35.983 ng	100
80) Butylbenzylphthalate	20.42	149	1364921	37.088 ng	99
81) Benzo(a)anthracene	21.26	228	2728334	33.663 ng	100
82) 3,3'-Dichlorobenzidine	21.20	252	637005	19.887 ng	98
83) Chrysene	21.32	228	2610839	33.609 ng	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	2438225	45.267 ng	100
85) Di-n-octyl phthalate	22.06	149	3536876	39.069 ng	100
86) Indeno(1,2,3-cd)pyrene	25.80	276	2906324	32.405 ng	100
88) Benzo(b)fluoranthene	22.84	252	2665718	35.771 ng	100
89) Benzo(k)fluoranthene	22.89	252	2583800	34.827 ng	99
90) Benzo(a)pyrene	23.43	252	2491974	35.299 ng	99
91) Dibenzo(a,h)anthracene	25.81	278	2474329	35.377 ng	99
92) Benzo(g,h,i)perylene	26.50	276	2358244	36.217 ng	100

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

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