Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031519\
Data File : BM019186.D
Acq On : 15 Mar 2019 15:00
Operator : JU/SJ
Sample : K1905-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RBR-200052MSD

Manual Integrations APPROVED
Sohil
3/18/2019 3:04:27 PM

Quant Time: Mar 18 07:57:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 11 17:30:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	200319	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	936297	20.00	ng	-0.01
39) Acenaphthene-d10	14.31	164	596574	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1365943	20.00	ng	-0.01
76) Chrysene-d12	21.27	240	1350884	20.00	ng	0.00
87) Perylene-d12	23.50	264	1172952	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1603763	129.66	ng	0.00
7) Phenol-d6	6.84	99	2445771	135.18	ng	0.00
23) Nitrobenzene-d5	8.82	82	1499277	75.69	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	1091271	123.89	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	3081887	67.20	ng	-0.01
79) Terphenyl-d14	19.70	244	4833480	71.03	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	150965	27.435	ng	99
3) Pyridine	3.62	79	438925	29.320	ng	99
4) n-Nitrosodimethylamine	3.53	42	142120	30.537	ng	92
6) Aniline	7.00	93	598959	25.641	ng	99
8) 2-Chlorophenol	7.22	128	556588	37.445	ng	99
9) Benzaldehyde	6.82	77	218644	19.212	ng	100
10) Phenol	6.87	94	902029	46.261	ng	98
11) bis(2-Chloroethyl)ether	7.10	93	498028	33.472	ng	97
12) 1,3-Dichlorobenzene	7.54	146	509465	32.388	ng	99
13) 1,4-Dichlorobenzene	7.69	146	526685	32.842	ng	98
14) 1,2-Dichlorobenzene	8.00	146	515746	33.055	ng	99
15) Benzyl Alcohol	7.91	79	549956	36.727	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.17	45	500684	32.956	ng	99
17) 2-Methylphenol	8.10	107	508139	39.991	ng	99
18) Hexachloroethane	8.71	117	191417	32.121	ng	97
19) n-Nitroso-di-n-propylamine	8.46	70	499967	33.683	ng	100
20) 3+4-Methylphenols	8.43	107	704849	40.867	ng	99
22) Acetophenone	8.49	105	831755	32.145	ng	100
24) Nitrobenzene	8.87	77	710901	34.510	ng	98
25) Isophorone	9.39	82	1303684	34.493	ng	99
26) 2-Nitrophenol	9.57	139	308705	36.153	ng	99
27) 2,4-Dimethylphenol	9.63	122	559419	44.069	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	776692	34.706	ng	100
29) 2,4-Dichlorophenol	10.09	162	577850	41.101	ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	547277	34.522	ng	99
31) Naphthalene	10.49	128	1709228	34.635	ng	100
32) Benzoic acid	9.77	122	196742m	18.300	ng	
33) 4-Chloroaniline	10.62	127	428878	21.200	ng	99
34) Hexachlorobutadiene	10.75	225	291508	32.043	ng	99
35) Caprolactam	11.45	113	191396m	38.217	ng	
36) 4-Chloro-3-methylphenol	11.75	107	683426	39.396	ng	98
37) 2-Methylnaphthalene	12.11	142	1313615	36.631	ng	99
38) 1-Methylnaphthalene	12.33	142	1250888	35.389	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	630701	33.421	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	557467	65.217 ng	99
43) 2,4,6-Trichlorophenol	12.73	196	478691	39.252 ng	98
44) 2,4,5-Trichlorophenol	12.81	196	503006	38.571 ng	100
46) 1,1'-Biphenyl	13.13	154	1732114	33.246 ng	99
47) 2-Chloronaphthalene	13.18	162	1343508	34.547 ng	99
48) 2-Nitroaniline	13.41	65	486477	37.300 ng	95
49) Acenaphthylene	14.03	152	2233034	33.960 ng	100
50) Dimethylphthalate	13.78	163	1961519	38.435 ng	99
51) 2,6-Dinitrotoluene	13.91	165	394548	35.764 ng	97
52) Acenaphthene	14.37	154	1313116	34.754 ng	99
53) 3-Nitroaniline	14.24	138	284527	24.351 ng	99
54) 2,4-Dinitrophenol	14.46	184	297522	46.438 ng	98
55) Dibenzofuran	14.71	168	2143027	35.170 ng	99
56) 4-Nitrophenol	14.56	139	673928	70.643 ng	98
57) 2,4-Dinitrotoluene	14.70	165	565937	35.340 ng	98
58) Fluorene	15.36	166	1769532	35.232 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	460398	37.923 ng	100
60) Diethylphthalate	15.14	149	1811767	35.053 ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	850661	34.872 ng	100
62) 4-Nitroaniline	15.42	138	372375	31.624 ng	98
63) Azobenzene	15.65	77	1925366	35.400 ng	100
65) 4,6-Dinitro-2-methylphenol	15.46	198	245984	27.481 ng	98
66) n-Nitrosodiphenylamine	15.58	169	1538899	35.388 ng	100
67) 4-Bromophenyl-phenylether	16.26	248	516664	34.300 ng	97
68) Hexachlorobenzene	16.36	284	609586	34.040 ng	97
69) Atrazine	16.54	200	537701	36.731 ng	99
70) Pentachlorophenol	16.72	266	749686	69.484 ng	100
71) Phenanthrene	17.11	178	2834994	35.410 ng	100
72) Anthracene	17.20	178	2829680	36.103 ng	100
73) Carbazole	17.48	167	2545232	34.406 ng	99
74) Di-n-butylphthalate	18.03	149	3218612	35.980 ng	100
75) Fluoranthene	19.13	202	3410903	37.128 ng	99
77) Benzidine	19.33	184	1734111	45.263 ng	99
78) Pyrene	19.50	202	3378823	39.531 ng	100
80) Butylbenzylphthalate	20.40	149	1506901	40.478 ng	97
81) Benzo(a)anthracene	21.25	228	2878562	33.966 ng	100
82) 3,3'-Dichlorobenzidine	21.19	252	836571	25.624 ng	98
83) Chrysene	21.30	228	2790719	34.037 ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	2242607	41.407 ng	100
85) Di-n-octyl phthalate	22.05	149	3730169	40.901 ng	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	2709593	30.700 ng	100
88) Benzo(b)fluoranthene	22.83	252	2731365	35.937 ng	99
89) Benzo(k)fluoranthene	22.87	252	2605363	37.269 ng	99
90) Benzo(a)pyrene	23.40	252	2464539	36.083 ng	99
91) Dibenzo(a,h)anthracene	25.77	278	2312863	35.398 ng	100
92) Benzo(g,h,i)perylene	26.46	276	2157570	35.967 ng	99

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

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