Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031819\
Data File : BM019226.D
Acq On : 18 Mar 2019 21:29
Operator : JU/SJ
Sample : K1947-03MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MSD

Manual Integrations APPROVED
Sohil
3/19/2019 5:28:06 PM

Quant Time: Mar 19 07:37:21 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	200414	20.00	ng		-0.02
21) Naphthalene-d8	10.43	136	891011	20.00	ng		-0.02
39) Acenaphthene-d10	14.30	164	546956	20.00	ng		-0.02
64) Phenanthrene-d10	17.06	188	1194539	20.00	ng		-0.02
76) Chrysene-d12	21.26	240	953008	20.00	ng		-0.01
87) Perylene-d12	23.49	264	855513	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	1815489	146.70	ng		0.00
7) Phenol-d6	6.83	99	2737443	151.23	ng		-0.01
23) Nitrobenzene-d5	8.82	82	1687606	89.53	ng		-0.01
42) 2,4,6-Tribromophenol	15.81	330	1214678	150.41	ng		-0.01
45) 2-Fluorobiphenyl	12.92	172	3547691	84.37	ng		-0.02
79) Terphenyl-d14	19.70	244	5169264	107.68	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	176836	32.122	ng		99
3) Pyridine	3.62	79	268792	17.946	ng		99
4) n-Nitrosodimethylamine	3.53	42	165687	35.584	ng		93
6) Aniline	7.00	93	533155	22.813	ng		100
8) 2-Chlorophenol	7.22	128	655155	44.055	ng		99
9) Benzaldehyde	6.81	77	237335	20.845	ng		97
10) Phenol	6.86	94	944598	48.421	ng		98
11) bis(2-Chloroethyl)ether	7.09	93	591636	39.745	ng		97
12) 1,3-Dichlorobenzene	7.53	146	614354	39.037	ng		99
13) 1,4-Dichlorobenzene	7.68	146	634699	39.558	ng		98
14) 1,2-Dichlorobenzene	7.99	146	622442	39.874	ng		99
15) Benzyl Alcohol	7.90	79	640114	42.727	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.18	45	587008	38.620	ng		99
17) 2-Methylphenol	8.10	107	585419	46.051	ng		99
18) Hexachloroethane	8.70	117	226225	37.944	ng		96
19) n-Nitroso-di-n-propylamine	8.46	70	591436	39.826	ng		99
20) 3+4-Methylphenols	8.43	107	812306	47.075	ng		99
22) Acetophenone	8.48	105	980903	39.836	ng	#	100
24) Nitrobenzene	8.86	77	826022	42.136	ng		99
25) Isophorone	9.38	82	1516702	42.169	ng		99
26) 2-Nitrophenol	9.56	139	365275	44.952	ng		99
27) 2,4-Dimethylphenol	9.62	122	647370	53.589	ng		98
28) bis(2-Chloroethoxy)methane	9.86	93	898522	42.190	ng		99
29) 2,4-Dichlorophenol	10.09	162	672151	50.238	ng		98
30) 1,2,4-Trichlorobenzene	10.29	180	649583	43.058	ng		98
31) Naphthalene	10.48	128	2007846	42.754	ng		100
32) Benzoic acid	9.78	122	298380m	29.164	ng		
33) 4-Chloroaniline	10.62	127	292080	15.172	ng		100
34) Hexachlorobutadiene	10.75	225	346479	40.021	ng		99
35) Caprolactam	11.44	113	216631m	45.454	ng		
36) 4-Chloro-3-methylphenol	11.74	107	776286	47.024	ng		98
37) 2-Methylnaphthalene	12.10	142	1538688	45.087	ng		99
38) 1-Methylnaphthalene	12.32	142	1473059	43.792	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	743005	42.944	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.43	237	612966	78.215 ng	97
43) 2,4,6-Trichlorophenol	12.73	196	550602	49.244 ng	99
44) 2,4,5-Trichlorophenol	12.80	196	584181	48.860 ng	99
46) 1,1'-Biphenyl	13.13	154	2000057	41.872 ng	99
47) 2-Chloronaphthalene	13.17	162	1566964	43.949 ng	99
48) 2-Nitroaniline	13.40	65	539845	45.147 ng	94
49) Acenaphthylene	14.03	152	2555404	42.388 ng	99
50) Dimethylphthalate	13.77	163	2438936	52.126 ng	99
51) 2,6-Dinitrotoluene	13.90	165	444757	43.972 ng	97
52) Acenaphthene	14.37	154	1472716	42.514 ng	99
53) 3-Nitroaniline	14.24	138	300600	28.060 ng	96
54) 2,4-Dinitrophenol	14.45	184	300965	51.237 ng	95
55) Dibenzofuran	14.70	168	2416927	43.264 ng	99
56) 4-Nitrophenol	14.56	139	697852	79.787 ng	99
57) 2,4-Dinitrotoluene	14.70	165	634639	43.225 ng	99
58) Fluorene	15.36	166	1990008	43.216 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	525003	47.167 ng	98
60) Diethylphthalate	15.14	149	2072934	43.744 ng	99
61) 4-Chlorophenyl-phenylether	15.35	204	980628	43.847 ng	98
62) 4-Nitroaniline	15.42	138	410624	38.035 ng	97
63) Azobenzene	15.65	77	2148001	43.076 ng	98
65) 4,6-Dinitro-2-methylphenol	15.46	198	258169	32.981 ng	98
66) n-Nitrosodiphenylamine	15.58	169	1732331	45.552 ng	99
67) 4-Bromophenyl-phenylether	16.25	248	584056	44.338 ng	97
68) Hexachlorobenzene	16.35	284	685953	43.800 ng	98
69) Atrazine	16.54	200	597978	46.710 ng	99
70) Pentachlorophenol	16.71	266	788416	83.558 ng	100
71) Phenanthrene	17.10	178	2967415	42.382 ng	99
72) Anthracene	17.19	178	3020410	44.066 ng	99
73) Carbazole	17.47	167	2709966	41.890 ng	100
74) Di-n-butylphthalate	18.03	149	3525153	45.061 ng	100
75) Fluoranthene	19.13	202	3121360	38.851 ng	99
77) Benzidine	19.33	184	508282	18.806 ng	99
78) Pyrene	19.49	202	3086282	51.184 ng	100
80) Butylbenzylphthalate	20.40	149	1494956	56.922 ng	98
81) Benzo(a)anthracene	21.24	228	2459949	41.144 ng	99
82) 3,3'-Dichlorobenzidine	21.19	252	740236	32.139 ng	98
83) Chrysene	21.30	228	2367347	40.928 ng	100
84) Bis(2-ethylhexyl)phthalate	21.16	149	2222336	58.163 ng	100
85) Di-n-octyl phthalate	22.04	149	3312441	51.484 ng	99
86) Indeno(1,2,3-cd)pyrene	25.76	276	2609996	41.918 ng	100
88) Benzo(b)fluoranthene	22.82	252	2323962	41.922 ng	100
89) Benzo(k)fluoranthene	22.87	252	2179665	42.749 ng	98
90) Benzo(a)pyrene	23.40	252	2145001	43.057 ng	100
91) Dibenzo(a,h)anthracene	25.76	278	2239716	46.998 ng	99
92) Benzo(g,h,i)perylene	26.45	276	2129705	48.676 ng	99

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

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