Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032119\
Data File : BM019304.D
Acq On : 21 Mar 2019 23:21
Operator : JU/SJ
Sample : K2002-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-1(2-10)-COMPMS

Manual Integrations APPROVED
Sohil
3/22/2019 3:45:42 PM

Quant Time: Mar 22 05:08:34 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	7.63	152	215789	20.00	ng	-0.04
21) Naphthalene-d8	10.41	136	895670	20.00	ng	-0.04
39) Acenaphthene-d10	14.29	164	571487	20.00	ng	-0.04
64) Phenanthrene-d10	17.04	188	1191196	20.00	ng	-0.03
76) Chrysene-d12	21.25	240	885258	20.00	ng	-0.02
87) Perylene-d12	23.47	264	886171	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1675546	125.75	ng	-0.02
7) Phenol-d6	6.82	99	2385295	122.39	ng	-0.02
23) Nitrobenzene-d5	8.80	82	1397243	73.74	ng	-0.04
42) 2,4,6-Tribromophenol	15.79	330	990770	117.42	ng	-0.03
45) 2-Fluorobiphenyl	12.90	172	3101513	70.59	ng	-0.04
79) Terphenyl-d14	19.69	244	3759729	84.31	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	149555	25.231	ng	99
3) Pyridine	3.59	79	492060	30.513	ng	99
4) n-Nitrosodimethylamine	3.52	42	169167	33.743	ng	97
6) Aniline	6.98	93	419941	16.689	ng	99
8) 2-Chlorophenol	7.20	128	598866	37.401	ng	99
9) Benzaldehyde	6.79	77	168570	13.750	ng	98
10) Phenol	6.85	94	847740	40.360	ng	96
11) bis(2-Chloroethyl)ether	7.07	93	547442	34.156	ng	97
12) 1,3-Dichlorobenzene	7.52	146	568574	33.554	ng	98
13) 1,4-Dichlorobenzene	7.66	146	593928	34.380	ng	98
14) 1,2-Dichlorobenzene	7.97	146	547859	32.596	ng	97
15) Benzyl Alcohol	7.89	79	507954	31.490	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.16	45	501286	30.630	ng	98
17) 2-Methylphenol	8.08	107	527665	38.551	ng	98
18) Hexachloroethane	8.69	117	192643	30.010	ng	91
19) n-Nitroso-di-n-propylamine	8.44	70	520408	32.546	ng	97
20) 3+4-Methylphenols	8.41	107	719788	38.741	ng	97
22) Acetophenone	8.46	105	876002	35.390	ng	98
24) Nitrobenzene	8.85	77	706095	35.831	ng	96
25) Isophorone	9.36	82	1276649	35.310	ng	98
26) 2-Nitrophenol	9.54	139	323524	39.607	ng	97
27) 2,4-Dimethylphenol	9.60	122	523322	43.095	ng	96
28) bis(2-Chloroethoxy)methane	9.84	93	718438	33.559	ng	99
29) 2,4-Dichlorophenol	10.07	162	584525	43.462	ng	98
30) 1,2,4-Trichlorobenzene	10.27	180	568191	37.467	ng	99
31) Naphthalene	10.46	128	1748390	37.036	ng	99
32) Benzoic acid	9.74	122	128322	12.477	ng	96
33) 4-Chloroaniline	10.60	127	210048	10.854	ng	98
34) Hexachlorobutadiene	10.72	225	314030	36.084	ng	100
35) Caprolactam	11.42	113	238002m	49.678	ng	
36) 4-Chloro-3-methylphenol	11.73	107	590616	35.591	ng	96
37) 2-Methylnaphthalene	12.09	142	1421952	41.450	ng	99
38) 1-Methylnaphthalene	12.30	142	1314957	38.889	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.45	216	683575	37.813	ng	98

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QLast Update : Mon Mar 11 17:30:46 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	585996	71.564	ng		98
43) 2,4,6-Trichlorophenol	12.71	196	505933	43.307	ng		97
44) 2,4,5-Trichlorophenol	12.79	196	519956	41.621	ng		98
46) 1,1'-Biphenyl	13.11	154	1803986	36.146	ng		99
47) 2-Chloronaphthalene	13.16	162	1388207	37.264	ng		99
48) 2-Nitroaniline	13.39	65	436511	34.938	ng		94
49) Acenaphthylene	14.01	152	2270878	36.051	ng		100
50) Dimethylphthalate	13.76	163	1972256	40.342	ng		99
51) 2,6-Dinitrotoluene	13.89	165	394953	37.372	ng		88
52) Acenaphthene	14.35	154	1303530	36.014	ng		99
53) 3-Nitroaniline	14.22	138	234915	20.988	ng		98
54) 2,4-Dinitrophenol	14.43	184	286498	46.680	ng		95
55) Dibenzofuran	14.69	168	2110141	36.151	ng		98
56) 4-Nitrophenol	14.54	139	609505	66.695	ng		93
57) 2,4-Dinitrotoluene	14.68	165	549163	35.798	ng		97
58) Fluorene	15.34	166	1746066	36.290	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.92	232	459169	39.482	ng		96
60) Diethylphthalate	15.13	149	1776345	35.876	ng		98
61) 4-Chlorophenyl-phenylether	15.34	204	869235	37.198	ng		96
62) 4-Nitroaniline	15.40	138	344419	30.533	ng		99
63) Azobenzene	15.63	77	1800422	34.556	ng		97
65) 4,6-Dinitro-2-methylphenol	15.44	198	257992	33.051	ng		95
66) n-Nitrosodiphenylamine	15.56	169	1493244	39.375	ng		100
67) 4-Bromophenyl-phenylether	16.23	248	519579	39.554	ng		97
68) Hexachlorobenzene	16.34	284	610454	39.089	ng		97
69) Atrazine	16.52	200	506368	39.665	ng		98
70) Pentachlorophenol	16.70	266	670639	71.276	ng		99
71) Phenanthrene	17.09	178	2528828	36.219	ng		99
72) Anthracene	17.18	178	2594098	37.952	ng		99
73) Carbazole	17.46	167	2206052	34.196	ng		99
74) Di-n-butylphthalate	18.02	149	2994600	38.387	ng		99
75) Fluoranthene	19.12	202	2585376	32.270	ng		98
77) Benzidine	19.32	184	1010123	40.234	ng		99
78) Pyrene	19.48	202	2525787	45.094	ng		99
80) Butylbenzylphthalate	20.39	149	1090076	44.682	ng		97
81) Benzo(a)anthracene	21.23	228	1993672	35.898	ng		99
82) 3,3'-Dichlorobenzidine	21.17	252	536379	25.070	ng		100
83) Chrysene	21.29	228	1923485	35.799	ng		99
84) Bis(2-ethylhexyl)phthalate	21.16	149	1580328	44.526	ng	#	98
85) Di-n-octyl phthalate	22.03	149	2307958	38.617	ng		99
86) Indeno(1,2,3-cd)pyrene	25.73	276	2486188	42.985	ng		99
88) Benzo(b)fluoranthene	22.81	252	2014203	35.077	ng		100
89) Benzo(k)fluoranthene	22.85	252	1957639	37.066	ng		99
90) Benzo(a)pyrene	23.38	252	1944027	37.673	ng		99
91) Dibenzo(a,h)anthracene	25.74	278	2111925	42.783	ng		99
92) Benzo(g,h,i)perylene	26.42	276	2063427	45.530	ng		99

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

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