Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020419\
Data File : BM018718.D
Acq On : 04 Feb 2019 14:47
Operator : JU/SJ
Sample : K1361-01MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-006-ABCDMS

Manual Integrations APPROVED
mohammad
2/5/2019 8:41:05 AM

Quant Time: Feb 04 15:25:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 04 15:10:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	221869	20.00	ng		0.00
21) Naphthalene-d8	10.51	136	829263	20.00	ng		0.00
39) Acenaphthene-d10	14.37	164	420256	20.00	ng		0.00
64) Phenanthrene-d10	17.12	188	851968	20.00	ng		0.00
76) Chrysene-d12	21.31	240	828283	20.00	ng		0.00
87) Perylene-d12	23.57	264	892874	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	1039841	86.54	ng		0.00
7) Phenol-d6	6.89	99	1387317	90.90	ng		0.00
23) Nitrobenzene-d5	8.89	82	855365	59.80	ng		0.00
42) 2,4,6-Tribromophenol	15.86	330	415264	77.60	ng		0.00
45) 2-Fluorobiphenyl	12.98	172	1993576	61.90	ng		0.00
79) Terphenyl-d14	19.75	244	2394794	60.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	143155	29.232	ng		97
3) Pyridine	3.73	79	5570m	0.456	ng		
4) n-Nitrosodimethylamine	3.58	42	183175	36.280	ng	#	92
6) Aniline	7.06	93	35334	2.076	ng		92
8) 2-Chlorophenol	7.29	128	480371	34.231	ng		95
9) Benzaldehyde	6.88	77	289148	30.892	ng		96
10) Phenol	6.92	94	622438	40.136	ng		98
11) bis(2-Chloroethyl)ether	7.16	93	416608	34.189	ng		95
12) 1,3-Dichlorobenzene	7.60	146	564100	33.753	ng		99
13) 1,4-Dichlorobenzene	7.75	146	569351	33.612	ng		99
14) 1,2-Dichlorobenzene	8.07	146	543278	33.824	ng		99
15) Benzyl Alcohol	7.97	79	375809	34.094	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.25	45	547167	35.137	ng		96
17) 2-Methylphenol	8.16	107	373689	35.499	ng		99
18) Hexachloroethane	8.78	117	198384	32.847	ng		98
19) n-Nitroso-di-n-propylamine	8.53	70	312112	31.426	ng		93
20) 3+4-Methylphenols	8.49	107	492848	33.915	ng		99
22) Acetophenone	8.55	105	658630	32.107	ng	#	97
24) Nitrobenzene	8.93	77	486490	34.564	ng		99
25) Isophorone	9.45	82	817782	37.753	ng		99
26) 2-Nitrophenol	9.63	139	180865	26.575	ng		96
27) 2,4-Dimethylphenol	9.69	122	419138	41.088	ng		99
28) bis(2-Chloroethoxy)methane	9.93	93	527860	35.275	ng		99
29) 2,4-Dichlorophenol	10.16	162	389946	32.102	ng		99
30) 1,2,4-Trichlorobenzene	10.37	180	504014	33.429	ng		100
31) Naphthalene	10.56	128	1476701	36.975	ng		99
32) Benzoic acid	9.79	122	2987m	6.878	ng		
33) 4-Chloroaniline	10.69	127	92719	5.895	ng		98
34) Hexachlorobutadiene	10.82	225	303650	31.879	ng		99
35) Caprolactam	11.50	113	23545m	5.701	ng		
36) 4-Chloro-3-methylphenol	11.80	107	408185	32.030	ng		98
37) 2-Methylnaphthalene	12.17	142	1035140	36.685	ng		99
38) 1-Methylnaphthalene	12.40	142	977839	35.815	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	527454	35.891	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.51	237	642589	79.670	ng	99
43) 2,4,6-Trichlorophenol	12.79	196	289369	32.424	ng	99
44) 2,4,5-Trichlorophenol	12.86	196	284554	30.317	ng	98
46) 1,1'-Biphenyl	13.20	154	1281285	34.917	ng	99
47) 2-Chloronaphthalene	13.24	162	997815	35.066	ng	100
48) 2-Nitroaniline	13.46	65	239460	34.205	ng	94
49) Acenaphthylene	14.09	152	1556314	37.530	ng	100
50) Dimethylphthalate	13.83	163	1353591	39.218	ng	99
51) 2,6-Dinitrotoluene	13.96	165	254002	34.743	ng	92
52) Acenaphthene	14.43	154	895096	35.278	ng	98
53) 3-Nitroaniline	14.29	138	148856	20.196	ng	95
54) 2,4-Dinitrophenol	14.50	184	30932	14.314	ng	89
55) Dibenzofuran	14.77	168	1424018	33.968	ng	100
56) 4-Nitrophenol	14.60	139	323848	50.860	ng	98
57) 2,4-Dinitrotoluene	14.75	165	337887	32.664	ng	99
58) Fluorene	15.42	166	1121772	35.920	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.99	232	214801	25.819	ng	97
60) Diethylphthalate	15.19	149	1129022	32.403	ng	99
61) 4-Chlorophenyl-phenylether	15.42	204	569374	31.633	ng	97
62) 4-Nitroaniline	15.46	138	191361	23.803	ng	97
63) Azobenzene	15.71	77	924289	32.536	ng	97
65) 4,6-Dinitro-2-methylphenol	15.50	198	70090	16.850	ng	89
66) n-Nitrosodiphenylamine	15.63	169	954822	36.130	ng	99
67) 4-Bromophenyl-phenylether	16.31	248	333016	34.929	ng	99
68) Hexachlorobenzene	16.42	284	366886	34.374	ng	98
69) Atrazine	16.59	200	233255	24.414	ng	97
70) Pentachlorophenol	16.76	266	186047	26.616	ng	98
71) Phenanthrene	17.16	178	1681816	37.113	ng	99
72) Anthracene	17.25	178	1690510	38.794	ng	100
73) Carbazole	17.53	167	1510851	33.747	ng	99
74) Di-n-butylphthalate	18.09	149	1748802	35.661	ng	99
75) Fluoranthene	19.18	202	1858088	35.564	ng	98
77) Benzidine	19.39	184	23694	1.159	ng	96
78) Pyrene	19.54	202	1879519	38.282	ng	100
80) Butylbenzylphthalate	20.45	149	766248	36.575	ng	94
81) Benzo(a)anthracene	21.29	228	1841516	37.739	ng	99
82) 3,3'-Dichlorobenzidine	21.23	252	121187	6.568	ng	99
83) Chrysene	21.34	228	1722200	36.550	ng	100
84) Bis(2-ethylhexyl)phthalate	21.22	149	1079255	35.676	ng	99
85) Di-n-octyl phthalate	22.10	149	1856721	36.491	ng	95
86) Indeno(1,2,3-cd)pyrene	25.86	276	2362621	43.484	ng	98
88) Benzo(b)fluoranthene	22.89	252	1828101	36.064	ng	99
89) Benzo(k)fluoranthene	22.93	252	1846071	36.137	ng	99
90) Benzo(a)pyrene	23.47	252	1847968	38.080	ng	98
91) Dibenzo(a,h)anthracene	25.88	278	1991772	40.506	ng	99
92) Benzo(g,h,i)perylene	26.57	276	1991737	41.624	ng	98

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

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