Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082718\
Data File : BM016611.D
Acq On : 27 Aug 2018 17:51
Operator : SJ/JU
Sample : J4636-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BYR-2-E(9-10)MSD

Manual Integrations APPROVED
Sohil
8/28/2018 11:16:56 AM

Quant Time: Aug 28 04:03:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 27 13:01:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	105446	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	385234	20.00	ng		0.00
38) Acenaphthene-d10	14.64	164	299213	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	948858	20.00	ng		0.00
75) Chrysene-d12	21.53	240	1301189	20.00	ng		0.00
86) Perylene-d12	23.81	264	1314016	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	601111	111.71	ng		0.00
7) Phenol-d6	7.19	99	761948	107.01	ng		0.00
23) Nitrobenzene-d5	9.19	82	689087	81.67	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	1018654	121.79	ng		0.00
44) 2-Fluorobiphenyl	13.26	172	2416248	77.62	ng		0.00
78) Terphenyl-d14	19.98	244	5542491	90.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	97770	32.888	ng	#	100
3) Pyridine	3.80	79	189544	30.645	ng	#	82
4) n-Nitrosodimethylamine	3.72	42	125846	45.671	ng	#	62
6) Aniline	7.35	93	213707	26.820	ng	#	86
8) 2-Chlorophenol	7.57	128	257039	40.144	ng		93
9) Benzaldehyde	7.16	77	156449	31.659	ng	#	77
10) Phenol	7.22	94	272142	38.646	ng		90
11) bis(2-Chloroethyl)ether	7.43	93	186763	35.368	ng		95
12) 1,3-Dichlorobenzene	7.89	146	295637	34.825	ng	#	83
13) 1,4-Dichlorobenzene	8.04	146	302879	34.765	ng		99
14) 1,2-Dichlorobenzene	8.35	146	306014	35.753	ng		95
15) Benzyl Alcohol	8.27	79	257300	38.911	ng	#	78
16) 2,2'-oxybis(1-Chloropropan	8.52	45	126985	34.924	ng	#	48
17) 2-Methylphenol	8.46	107	194366	38.116	ng	#	72
18) Hexachloroethane	9.06	117	165635	41.269	ng	#	38
19) n-Nitroso-di-n-propylamine	8.82	70	196285	35.159	ng	#	87
20) 3+4-Methylphenols	8.80	107	259856	36.856	ng	#	79
22) Acetophenone	8.85	105	381428	41.118	ng	#	97
24) Nitrobenzene	9.23	77	341300	40.486	ng	#	89
25) Isophorone	9.75	82	543493	48.197	ng	#	92
26) 2-Nitrophenol	9.95	139	148133	41.103	ng	#	40
27) 2,4-Dimethylphenol	10.00	122	217382	46.285	ng	#	75
28) bis(2-Chloroethoxy)methane	10.23	93	281335	41.795	ng		96
29) 2,4-Dichlorophenol	10.48	162	329339	46.853	ng		93
30) 1,2,4-Trichlorobenzene	10.67	180	517064	48.478	ng	#	94
31) Naphthalene	10.86	128	777924	42.384	ng		99
32) Benzoic acid	10.16	122	16874	4.294	ng	#	73
33) 4-Chloroaniline	11.00	127	153250	19.840	ng	#	84
34) Hexachlorobutadiene	11.11	225	534165	52.471	ng		99
35) Caprolactam	11.82	113	57968m	34.368	ng		
36) 4-Chloro-3-methylphenol	12.12	107	271571	40.188	ng		88
37) 2-Methylnaphthalene	12.47	142	671119	46.707	ng	#	85
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	801004	47.400	ng	#	100
40) Hexachlorocyclopentadiene	12.79	237	872205	102.324	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	471786	46.687	ng		98
43) 2,4,5-Trichlorophenol	13.17	196	461082	46.711	ng	#	97
45) 1,1'-Biphenyl	13.47	154	954484	36.380	ng		99
46) 2-Chloronaphthalene	13.53	162	783276	36.747	ng		97
47) 2-Nitroaniline	13.76	65	199959	35.220	ng	#	78
48) Acenaphthylene	14.37	152	1159605	38.540	ng		98
49) Dimethylphthalate	14.11	163	1336693	46.500	ng	#	98
50) 2,6-Dinitrotoluene	14.25	165	224779	40.089	ng	#	80
51) Acenaphthene	14.71	154	691324	37.400	ng		96
52) 3-Nitroaniline	14.59	138	112596	22.070	ng		87
53) 2,4-Dinitrophenol	14.82	184	217435	77.491	ng	#	67
54) Dibenzofuran	15.04	168	1412692	39.923	ng		91
55) 4-Nitrophenol	14.91	139	207162	63.664	ng	#	79
56) 2,4-Dinitrotoluene	15.05	165	353296	37.787	ng	#	98
57) Fluorene	15.69	166	1130708	42.299	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.28	232	460743	48.564	ng	#	100
59) Diethylphthalate	15.46	149	1096957	36.598	ng		95
60) 4-Chlorophenyl-phenylether	15.68	204	967643	43.165	ng	#	84
61) 4-Nitroaniline	15.76	138	145081	29.098	ng	#	1
62) Azobenzene	15.97	77	1270212	39.787	ng		90
64) 4,6-Dinitro-2-methylphenol	15.82	198	234157	32.478	ng	#	56
65) n-Nitrosodiphenylamine	15.90	169	966217	36.197	ng		99
66) 4-Bromophenyl-phenylether	16.57	248	619588	42.497	ng		97
67) Hexachlorobenzene	16.69	284	698389	41.076	ng		98
68) Atrazine	16.85	200	561789	46.116	ng		91
69) Pentachlorophenol	17.04	266	610435	67.855	ng		97
70) Phenanthrene	17.43	178	1945976	39.680	ng		99
71) Anthracene	17.52	178	1958468	40.216	ng		99
72) Carbazole	17.80	167	1406921	32.147	ng		97
73) Di-n-butylphthalate	18.33	149	1826889	34.240	ng	#	97
74) Fluoranthene	19.43	202	2984437	41.504	ng		93
76) Benzidine	19.63	184	1124103	44.922	ng		98
77) Pyrene	19.79	202	3027750	42.816	ng		100
79) Butylbenzylphthalate	20.66	149	871254	35.694	ng	#	73
80) Benzo(a)anthracene	21.52	228	3263368	42.659	ng		99
81) 3,3'-Dichlorobenzidine	21.45	252	968762	28.450	ng	#	97
82) Chrysene	21.57	228	2925192	40.077	ng		99
83) Bis(2-ethylhexyl)phthalate	21.41	149	1272570	35.070	ng	#	96
84) Di-n-octyl phthalate	22.29	149	2067092	34.279	ng	#	93
85) Indeno(1,2,3-cd)pyrene	26.13	276	4009303	38.196	ng	#	92
87) Benzo(b)fluoranthene	23.13	252	3309648	43.693	ng	#	90
88) Benzo(k)fluoranthene	23.17	252	3326477	43.161	ng	#	94
89) Benzo(a)pyrene	23.71	252	3197536	43.384	ng	#	94
90) Dibenzo(a,h)anthracene	26.13	278	3356008	40.630	ng	#	87
91) Benzo(g,h,i)perylene	26.84	276	3061036	41.284	ng	#	79

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

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