Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013019\
Data File : BM018699.D
Acq On : 30 Jan 2019 17:49
Operator : JU/SJ
Sample : K1282-29MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-8-ABMSD

Manual Integrations APPROVED
mohammad
2/1/2019 12:05:11 AM

Quant Time: Jan 30 18:25:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 22:01:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	269680	20.00	ng		-0.02
21) Naphthalene-d8	10.51	136	1008441	20.00	ng		-0.02
39) Acenaphthene-d10	14.37	164	496594	20.00	ng		-0.01
64) Phenanthrene-d10	17.12	188	951859	20.00	ng		-0.02
76) Chrysene-d12	21.32	240	940287	20.00	ng		-0.02
87) Perylene-d12	23.58	264	1086751	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	2019902	138.30	ng		-0.02
7) Phenol-d6	6.90	99	2502351	134.90	ng		-0.01
23) Nitrobenzene-d5	8.89	82	1506694	86.61	ng		-0.01
42) 2,4,6-Tribromophenol	15.87	330	780945	123.51	ng		-0.02
45) 2-Fluorobiphenyl	12.99	172	3159345	83.02	ng		-0.02
79) Terphenyl-d14	19.76	244	3430444	76.91	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	207569	34.870	ng		97
3) Pyridine	3.66	79	529139	35.654	ng		97
4) n-Nitrosodimethylamine	3.58	42	299695	48.835	ng	#	91
6) Aniline	7.06	93	685803	33.143	ng		98
8) 2-Chlorophenol	7.29	128	768666	45.063	ng		96
9) Benzaldehyde	6.88	77	493165	49.581	ng		98
10) Phenol	6.93	94	889473	47.187	ng		99
11) bis(2-Chloroethyl)ether	7.16	93	625845	42.254	ng		97
12) 1,3-Dichlorobenzene	7.61	146	838050	41.255	ng		98
13) 1,4-Dichlorobenzene	7.76	146	855152	41.534	ng		99
14) 1,2-Dichlorobenzene	8.07	146	819014	41.951	ng		99
15) Benzyl Alcohol	7.97	79	588732	43.942	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.25	45	810278	42.808	ng		95
17) 2-Methylphenol	8.16	107	570831	44.613	ng		99
18) Hexachloroethane	8.79	117	299094	40.742	ng		97
19) n-Nitroso-di-n-propylamine	8.53	70	480786	39.827	ng		93
20) 3+4-Methylphenols	8.49	107	760450	43.052	ng		99
22) Acetophenone	8.55	105	998726	40.035	ng	#	97
24) Nitrobenzene	8.93	77	729083	42.596	ng		95
25) Isophorone	9.45	82	1244541	47.246	ng		98
26) 2-Nitrophenol	9.63	139	393991	47.605	ng		96
27) 2,4-Dimethylphenol	9.69	122	610700	49.230	ng		99
28) bis(2-Chloroethoxy)methane	9.93	93	801506	44.045	ng		100
29) 2,4-Dichlorophenol	10.16	162	661530	44.784	ng		100
30) 1,2,4-Trichlorobenzene	10.37	180	762675	41.597	ng		99
31) Naphthalene	10.56	128	2205887	45.420	ng		100
32) Benzoic acid	9.82	122	306986m	38.278	ng		
33) 4-Chloroaniline	10.69	127	257898	13.484	ng		97
34) Hexachlorobutadiene	10.83	225	464074	40.065	ng		98
35) Caprolactam	11.49	113	164528m	32.760	ng		
36) 4-Chloro-3-methylphenol	11.81	107	632738	40.829	ng		100
37) 2-Methylnaphthalene	12.17	142	1533187	44.681	ng		99
38) 1-Methylnaphthalene	12.40	142	1451036	43.704	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.55	216	791156	45.559	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.52	237	926358	97.196	ng		100
43) 2,4,6-Trichlorophenol	12.80	196	509332	48.299	ng		99
44) 2,4,5-Trichlorophenol	12.87	196	527535	47.565	ng		98
46) 1,1'-Biphenyl	13.20	154	1891571	43.625	ng		99
47) 2-Chloronaphthalene	13.25	162	1457262	43.340	ng		99
48) 2-Nitroaniline	13.46	65	353405	42.722	ng		94
49) Acenaphthylene	14.09	152	2233425	45.579	ng		100
50) Dimethylphthalate	13.84	163	1961392	48.092	ng		99
51) 2,6-Dinitrotoluene	13.96	165	368934	42.706	ng		92
52) Acenaphthene	14.44	154	1285039	42.861	ng		97
53) 3-Nitroaniline	14.30	138	244438	28.066	ng		95
54) 2,4-Dinitrophenol	14.50	184	284799	62.617	ng	#	89
55) Dibenzofuran	14.77	168	2041278	41.206	ng		100
56) 4-Nitrophenol	14.60	139	603462	80.204	ng		97
57) 2,4-Dinitrotoluene	14.75	165	489996	40.087	ng		98
58) Fluorene	15.42	166	1592925	43.166	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.00	232	441496	44.910	ng		97
60) Diethylphthalate	15.20	149	1631627	39.629	ng		99
61) 4-Chlorophenyl-phenylether	15.42	204	820669	38.586	ng		97
62) 4-Nitroaniline	15.46	138	326428	34.361	ng		96
63) Azobenzene	15.72	77	1334307	39.749	ng		97
65) 4,6-Dinitro-2-methylphenol	15.51	198	216433	37.058	ng		88
66) n-Nitrosodiphenylamine	15.64	169	1352663	45.812	ng		99
67) 4-Bromophenyl-phenylether	16.32	248	473966	44.496	ng		98
68) Hexachlorobenzene	16.42	284	512456	42.975	ng		99
69) Atrazine	16.59	200	448665	42.033	ng		98
70) Pentachlorophenol	16.77	266	621577	79.591	ng		99
71) Phenanthrene	17.17	178	2305798	45.543	ng		100
72) Anthracene	17.26	178	2326809	47.793	ng		99
73) Carbazole	17.53	167	2067149	41.327	ng		99
74) Di-n-butylphthalate	18.09	149	2476349	45.197	ng		99
75) Fluoranthene	19.19	202	2501555	42.856	ng		98
77) Benzidine	19.39	184	1083521	46.669	ng		100
78) Pyrene	19.55	202	2555168	45.845	ng		100
80) Butylbenzylphthalate	20.46	149	1800617	75.711	ng		94
81) Benzo(a)anthracene	21.30	228	2571349	46.419	ng		99
82) 3,3'-Dichlorobenzidine	21.24	252	897544	42.849	ng		100
83) Chrysene	21.35	228	2424603	45.327	ng		99
84) Bis(2-ethylhexyl)phthalate	21.22	149	1507411	43.893	ng		99
85) Di-n-octyl phthalate	22.11	149	2647792	45.840	ng	#	95
86) Indeno(1,2,3-cd)pyrene	25.88	276	3493576	56.640	ng		97
88) Benzo(b)fluoranthene	22.90	252	2794732	45.298	ng		99
89) Benzo(k)fluoranthene	22.94	252	2707740	43.549	ng		99
90) Benzo(a)pyrene	23.49	252	2777898	47.030	ng		98
91) Dibenzo(a,h)anthracene	25.90	278	2936099	49.059	ng		99
92) Benzo(g,h,i)perylene	26.59	276	2919743	50.132	ng		98

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

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