Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050719\
Data File : BM020183.D
Acq On : 08 May 2019 02:11
Operator : JU/SJ
Sample : K2673-16MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SP-02-COMPMSD

Manual Integrations APPROVED
Sohil
5/9/2019 6:44:33 PM

Quant Time: May 08 06:44:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	140927	20.00	ng		0.00
21) Naphthalene-d8	10.59	136	511874	20.00	ng		0.00
39) Acenaphthene-d10	14.43	164	304501	20.00	ng		0.00
64) Phenanthrene-d10	17.18	188	711540	20.00	ng		0.00
76) Chrysene-d12	21.37	240	750917	20.00	ng		0.00
87) Perylene-d12	23.67	264	877546	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1349442	156.52	ng		0.00
7) Phenol-d6	6.96	99	1882500	159.83	ng		0.01
23) Nitrobenzene-d5	8.96	82	1302436	100.45	ng		0.00
42) 2,4,6-Tribromophenol	15.93	330	810638	171.51	ng		0.00
45) 2-Fluorobiphenyl	13.05	172	2302547	93.04	ng		0.00
79) Terphenyl-d14	19.80	244	3596864	83.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	130024	30.750	ng		92
3) Pyridine	3.71	79	385692	35.665	ng		94
4) n-Nitrosodimethylamine	3.62	42	140558	40.532	ng	#	81
6) Aniline	7.13	93	297027	20.033	ng		98
8) 2-Chlorophenol	7.36	128	437745	46.630	ng		99
9) Benzaldehyde	6.94	77	342475	38.417	ng		97
10) Phenol	6.99	94	610466	48.145	ng		92
11) bis(2-Chloroethyl)ether	7.22	93	449769	48.804	ng		95
12) 1,3-Dichlorobenzene	7.67	146	472358	43.247	ng		96
13) 1,4-Dichlorobenzene	7.82	146	485205	43.975	ng		97
14) 1,2-Dichlorobenzene	8.14	146	464724	44.209	ng		98
15) Benzyl Alcohol	8.03	79	496651	43.729	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.32	45	320183	41.899	ng		97
17) 2-Methylphenol	8.23	107	387121	47.428	ng		95
18) Hexachloroethane	8.86	117	145889	31.711	ng		97
19) n-Nitroso-di-n-propylamine	8.60	70	423943	42.071	ng		96
20) 3+4-Methylphenols	8.56	107	512417	47.236	ng		97
22) Acetophenone	8.62	105	700476	50.071	ng	#	96
24) Nitrobenzene	9.00	77	614610	45.720	ng		96
25) Isophorone	9.52	82	1071628	47.929	ng		99
26) 2-Nitrophenol	9.70	139	199464	49.148	ng		96
27) 2,4-Dimethylphenol	9.76	122	394023	58.316	ng		97
28) bis(2-Chloroethoxy)methane	10.00	93	589996	48.451	ng		97
29) 2,4-Dichlorophenol	10.23	162	449371	52.744	ng		99
30) 1,2,4-Trichlorobenzene	10.45	180	507166	48.378	ng		97
31) Naphthalene	10.63	128	1297300	48.838	ng		99
32) Benzoic acid	9.84	122	30062	12.003	ng	#	86
33) 4-Chloroaniline	10.76	127	302078	27.630	ng		98
34) Hexachlorobutadiene	10.90	225	331404	44.688	ng		99
35) Caprolactam	11.57	113	133969m	52.587	ng		
36) 4-Chloro-3-methylphenol	11.87	107	490260	48.966	ng		98
37) 2-Methylnaphthalene	12.25	142	947516	48.928	ng		97
38) 1-Methylnaphthalene	12.47	142	891012	47.052	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.62	216	591977	49.691	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.58	237	18910	2.696	ng		98
43) 2,4,6-Trichlorophenol	12.86	196	398315	58.830	ng		98
44) 2,4,5-Trichlorophenol	12.93	196	418674	55.353	ng		97
46) 1,1'-Biphenyl	13.26	154	1204530	48.059	ng		99
47) 2-Chloronaphthalene	13.31	162	988650	49.405	ng		99
48) 2-Nitroaniline	13.52	65	390402	54.799	ng		92
49) Acenaphthylene	14.16	152	1590501	49.663	ng		99
50) Dimethylphthalate	13.90	163	1695348	65.508	ng		99
51) 2,6-Dinitrotoluene	14.02	165	241369	44.280	ng		93
52) Acenaphthene	14.50	154	884467	48.160	ng		99
53) 3-Nitroaniline	14.35	138	213448	42.191	ng		98
54) 2,4-Dinitrophenol	14.56	184	13900	13.023	ng		95
55) Dibenzofuran	14.83	168	1474114	47.586	ng		98
56) 4-Nitrophenol	14.67	139	419822	97.261	ng		87
57) 2,4-Dinitrotoluene	14.81	165	313342	42.305	ng		94
58) Fluorene	15.49	166	1178308	46.315	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.06	232	400679	55.744	ng		95
60) Diethylphthalate	15.26	149	1224469	46.961	ng		99
61) 4-Chlorophenyl-phenylether	15.47	204	669313	46.431	ng		96
62) 4-Nitroaniline	15.52	138	222590	39.868	ng		97
63) Azobenzene	15.77	77	1298350	42.209	ng		98
65) 4,6-Dinitro-2-methylphenol	15.57	198	15963	10.944	ng		91
66) n-Nitrosodiphenylamine	15.70	169	1027680	49.083	ng		97
67) 4-Bromophenyl-phenylether	16.37	248	419863	48.120	ng		95
68) Hexachlorobenzene	16.48	284	477099	47.517	ng		97
69) Atrazine	16.65	200	368425	45.027	ng		99
70) Pentachlorophenol	16.83	266	642072	111.765	ng		98
71) Phenanthrene	17.23	178	2015147	51.305	ng		99
72) Anthracene	17.32	178	2031413	51.729	ng		100
73) Carbazole	17.59	167	1637783	46.220	ng		99
74) Di-n-butylphthalate	18.14	149	1966380	46.112	ng		98
75) Fluoranthene	19.24	202	2887072	58.094	ng		99
78) Pyrene	19.60	202	2946316	58.440	ng		99
80) Butylbenzylphthalate	20.50	149	940652	51.307	ng		99
81) Benzo(a)anthracene	21.35	228	2825981	53.663	ng		98
82) 3,3'-Dichlorobenzidine	21.29	252	295380	14.696	ng		99
83) Chrysene	21.40	228	2780185	54.436	ng		99
84) Bis(2-ethylhexyl)phthalate	21.27	149	9133895	321.060	ng	#	90
85) Di-n-octyl phthalate	22.16	149	3620461	76.568	ng	#	98
86) Indeno(1,2,3-cd)pyrene	26.01	276	3476545	57.227	ng	#	100
88) Benzo(b)fluoranthene	22.97	252	3465825	59.809	ng		98
89) Benzo(k)fluoranthene	23.02	252	2719410	51.446	ng		99
90) Benzo(a)pyrene	23.57	252	3051162	57.967	ng		97
91) Dibenzo(a,h)anthracene	26.03	278	2693010	49.197	ng		99
92) Benzo(g,h,i)perylene	26.74	276	2949787	56.760	ng		97

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

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