Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051319\
Data File : BM020319.D
Acq On : 13 May 2019 16:57
Operator : JU/SJ
Sample : K2823-06MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 12-B2MSD

Manual Integrations APPROVED
mohammad
5/14/2019 11:11:56 PM

Quant Time: May 14 04:16:26 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	7.76	152	39310	20.00	ng		-0.04
21) Naphthalene-d8	10.55	136	145730	20.00	ng		-0.04
39) Acenaphthene-d10	14.40	164	89958	20.00	ng		-0.03
64) Phenanthrene-d10	17.16	188	226187	20.00	ng		-0.02
76) Chrysene-d12	21.35	240	266376	20.00	ng		-0.02
87) Perylene-d12	23.63	264	303119	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	332560	138.29	ng		-0.02
7) Phenol-d6	6.93	99	453061	137.90	ng		-0.02
23) Nitrobenzene-d5	8.92	82	300544	81.42	ng		-0.04
42) 2,4,6-Tribromophenol	15.90	330	210445	150.71	ng		-0.02
45) 2-Fluorobiphenyl	13.02	172	584033	79.88	ng		-0.04
79) Terphenyl-d14	19.79	244	1099424	71.99	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	42514	36.045	ng	#	93
3) Pyridine	3.68	79	120055	39.799	ng		93
4) n-Nitrosodimethylamine	3.60	42	36076	37.295	ng	#	54
6) Aniline	7.09	93	119520	28.899	ng		97
8) 2-Chlorophenol	7.32	128	116227	44.386	ng		96
9) Benzaldehyde	6.91	77	60734	24.424	ng		92
10) Phenol	6.96	94	158486	44.810	ng		90
11) bis(2-Chloroethyl)ether	7.19	93	110819	43.109	ng		94
12) 1,3-Dichlorobenzene	7.65	146	123075	40.397	ng		93
13) 1,4-Dichlorobenzene	7.79	146	125310	40.715	ng		96
14) 1,2-Dichlorobenzene	8.10	146	122890	41.910	ng		96
15) Benzyl Alcohol	8.00	79	117547	37.104	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.29	45	84476	39.631	ng		95
17) 2-Methylphenol	8.20	107	98873	43.427	ng		94
18) Hexachloroethane	8.82	117	61037	47.563	ng		96
19) n-Nitroso-di-n-propylamine	8.56	70	107545	38.261	ng		93
20) 3+4-Methylphenols	8.53	107	128244	42.381	ng		95
22) Acetophenone	8.59	105	176877	44.410	ng	#	95
24) Nitrobenzene	8.97	77	159413	41.653	ng		96
25) Isophorone	9.49	82	277433	43.584	ng		98
26) 2-Nitrophenol	9.67	139	57809	50.033	ng		91
27) 2,4-Dimethylphenol	9.73	122	98878	51.402	ng		100
28) bis(2-Chloroethoxy)methane	9.97	93	149512	43.126	ng		99
29) 2,4-Dichlorophenol	10.20	162	107847	44.462	ng		99
30) 1,2,4-Trichlorobenzene	10.41	180	127883	42.847	ng		99
31) Naphthalene	10.60	128	336419	44.485	ng		99
32) Benzoic acid	9.79	122	8856m	12.190	ng		
33) 4-Chloroaniline	10.73	127	84506	27.149	ng		95
34) Hexachlorobutadiene	10.86	225	80805	38.272	ng		98
35) Caprolactam	11.53	113	34318m	47.316	ng		
36) 4-Chloro-3-methylphenol	11.85	107	120472	42.264	ng		93
37) 2-Methylnaphthalene	12.22	142	303648	55.076	ng		96
38) 1-Methylnaphthalene	12.44	142	262546	48.699	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.58	216	151526	43.053	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.55	237	169203	81.650	ng		97
43) 2,4,6-Trichlorophenol	12.83	196	100648	50.318	ng		99
44) 2,4,5-Trichlorophenol	12.90	196	104999	46.989	ng		97
46) 1,1'-Biphenyl	13.23	154	321492	43.419	ng		99
47) 2-Chloronaphthalene	13.28	162	260403	44.048	ng		97
48) 2-Nitroaniline	13.50	65	85581	40.662	ng		91
49) Acenaphthylene	14.13	152	411179	43.459	ng		99
50) Dimethylphthalate	13.87	163	428466	56.040	ng		99
51) 2,6-Dinitrotoluene	14.00	165	72269	44.878	ng		86
52) Acenaphthene	14.47	154	237803	43.830	ng		99
53) 3-Nitroaniline	14.33	138	49726	33.270	ng		98
54) 2,4-Dinitrophenol	14.54	184	38302	50.928	ng		88
55) Dibenzofuran	14.80	168	405159	44.271	ng		97
56) 4-Nitrophenol	14.64	139	115571m	90.629	ng		
57) 2,4-Dinitrotoluene	14.79	165	105789	48.346	ng	#	93
58) Fluorene	15.46	166	327811	43.615	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.03	232	107440	50.596	ng		96
60) Diethylphthalate	15.23	149	333379	43.279	ng		100
61) 4-Chlorophenyl-phenylether	15.45	204	182991	42.969	ng		94
62) 4-Nitroaniline	15.50	138	64717m	39.236	ng		
63) Azobenzene	15.74	77	356969	39.282	ng		96
65) 4,6-Dinitro-2-methylphenol	15.54	198	52954	46.639	ng		96
66) n-Nitrosodiphenylamine	15.67	169	292970	44.018	ng		98
67) 4-Bromophenyl-phenylether	16.34	248	115113	41.503	ng		94
68) Hexachlorobenzene	16.45	284	134685	42.198	ng		97
69) Atrazine	16.62	200	112973	43.434	ng		98
70) Pentachlorophenol	16.80	266	176404	96.597	ng		97
71) Phenanthrene	17.20	178	559731	44.830	ng		99
72) Anthracene	17.29	178	548334	43.925	ng		98
73) Carbazole	17.57	167	497231	44.143	ng		98
74) Di-n-butylphthalate	18.12	149	573149	42.281	ng		98
75) Fluoranthene	19.22	202	704168	44.574	ng		99
77) Benzidine	19.42	184	311005	36.519	ng		99
78) Pyrene	19.58	202	729881	40.811	ng		99
80) Butylbenzylphthalate	20.48	149	291135	44.765	ng		97
81) Benzo(a)anthracene	21.33	228	758327	40.594	ng		99
82) 3,3'-Dichlorobenzidine	21.27	252	252164	35.367	ng		99
83) Chrysene	21.39	228	749080	41.346	ng		99
84) Bis(2-ethylhexyl)phthalate	21.25	149	428304	42.440	ng		99
85) Di-n-octyl phthalate	22.14	149	766824	45.717	ng		97
86) Indeno(1,2,3-cd)pyrene	25.96	276	934261	43.353	ng	#	100
88) Benzo(b)fluoranthene	22.94	252	815348	40.734	ng		99
89) Benzo(k)fluoranthene	22.99	252	816266	44.706	ng		99
90) Benzo(a)pyrene	23.53	252	795289	43.742	ng		98
91) Dibenzo(a,h)anthracene	25.97	278	802029	42.418	ng		100
92) Benzo(g,h,i)perylene	26.67	276	768490	42.810	ng		97

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

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