Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
Data File : BM020245.D
Acq On : 10 May 2019 17:04
Operator : JU/SJ
Sample : K2746-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : COMP-5.8.19MS

Manual Integrations APPROVED
mohammad
5/13/2019 8:25:15 AM

Quant Time: May 11 02:09:30 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	7.78	152	75302	20.00	ng		-0.02
21) Naphthalene-d8	10.57	136	328556	20.00	ng		-0.02
39) Acenaphthene-d10	14.42	164	232704	20.00	ng		-0.01
64) Phenanthrene-d10	17.17	188	600590	20.00	ng		-0.01
76) Chrysene-d12	21.36	240	670458	20.00	ng		0.00
87) Perylene-d12	23.65	264	700173	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	591209	128.33	ng		-0.01
7) Phenol-d6	6.95	99	870854	138.37	ng		0.00
23) Nitrobenzene-d5	8.95	82	596084	71.63	ng		-0.01
42) 2,4,6-Tribromophenol	15.92	330	469350	129.94	ng		0.00
45) 2-Fluorobiphenyl	13.04	172	1255080	66.36	ng		-0.02
79) Terphenyl-d14	19.80	244	2565415	66.74	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	63706	28.196	ng		92
3) Pyridine	3.69	79	188066	32.546	ng		96
4) n-Nitrosodimethylamine	3.61	42	64661	34.896	ng	#	66
6) Aniline	7.11	93	209200	26.406	ng		98
8) 2-Chlorophenol	7.34	128	220123	43.883	ng		97
9) Benzaldehyde	6.93	77	123832	25.997	ng		92
10) Phenol	6.98	94	322535	47.606	ng		92
11) bis(2-Chloroethyl)ether	7.21	93	209504	42.545	ng		96
12) 1,3-Dichlorobenzene	7.66	146	215192	36.872	ng		96
13) 1,4-Dichlorobenzene	7.81	146	221685	37.601	ng		96
14) 1,2-Dichlorobenzene	8.12	146	216843	38.605	ng		98
15) Benzyl Alcohol	8.02	79	252198	41.558	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.30	45	161760	39.616	ng		95
17) 2-Methylphenol	8.22	107	205350	47.083	ng		93
18) Hexachloroethane	8.84	117	85245	34.677	ng		97
19) n-Nitroso-di-n-propylamine	8.58	70	222367	41.298	ng		97
20) 3+4-Methylphenols	8.55	107	278096	47.976	ng		96
22) Acetophenone	8.60	105	353509	39.369	ng	#	96
24) Nitrobenzene	8.99	77	315981	36.620	ng		94
25) Isophorone	9.50	82	584702	40.742	ng		98
26) 2-Nitrophenol	9.69	139	123926	47.573	ng		92
27) 2,4-Dimethylphenol	9.74	122	214788	49.526	ng		95
28) bis(2-Chloroethoxy)methane	9.99	93	313382	40.094	ng		98
29) 2,4-Dichlorophenol	10.22	162	242576	44.357	ng		98
30) 1,2,4-Trichlorobenzene	10.43	180	252186	37.478	ng		97
31) Naphthalene	10.62	128	665094	39.008	ng		100
32) Benzoic acid	9.85	122	44945	19.170	ng		95
33) 4-Chloroaniline	10.74	127	111243	15.852	ng		96
34) Hexachlorobutadiene	10.88	225	160394	33.695	ng		99
35) Caprolactam	11.55	113	85009m	51.987	ng		
36) 4-Chloro-3-methylphenol	11.86	107	284177	44.219	ng		94
37) 2-Methylnaphthalene	12.23	142	523018	42.077	ng		96
38) 1-Methylnaphthalene	12.45	142	499233	41.073	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	320445	35.197	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	291519	54.381	ng		99
43) 2,4,6-Trichlorophenol	12.85	196	228810	44.221	ng		99
44) 2,4,5-Trichlorophenol	12.92	196	244457	42.291	ng		98
46) 1,1'-Biphenyl	13.25	154	712107	37.178	ng		98
47) 2-Chloronaphthalene	13.29	162	570924	37.333	ng		99
48) 2-Nitroaniline	13.51	65	216562	39.777	ng		95
49) Acenaphthylene	14.15	152	914340	37.359	ng		99
50) Dimethylphthalate	13.89	163	889228	44.960	ng		99
51) 2,6-Dinitrotoluene	14.01	165	170940	41.035	ng		90
52) Acenaphthene	14.49	154	533697	38.026	ng		99
53) 3-Nitroaniline	14.34	138	105232	27.218	ng		99
54) 2,4-Dinitrophenol	14.55	184	151684	73.469	ng		89
55) Dibenzofuran	14.82	168	912622	38.550	ng		97
56) 4-Nitrophenol	14.66	139	295778	89.665	ng	#	82
57) 2,4-Dinitrotoluene	14.80	165	246894	43.618	ng		92
58) Fluorene	15.47	166	756654	38.917	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.05	232	245116	44.623	ng		97
60) Diethylphthalate	15.25	149	774006	38.844	ng		99
61) 4-Chlorophenyl-phenylether	15.46	204	423511	38.444	ng		96
62) 4-Nitroaniline	15.52	138	172709m	40.478	ng		
63) Azobenzene	15.76	77	845274	35.958	ng		98
65) 4,6-Dinitro-2-methylphenol	15.56	198	133534	44.653	ng		98
66) n-Nitrosodiphenylamine	15.69	169	681659	38.571	ng		98
67) 4-Bromophenyl-phenylether	16.36	248	268099	36.403	ng		95
68) Hexachlorobenzene	16.46	284	310357	36.620	ng		98
69) Atrazine	16.64	200	262494	38.007	ng		98
70) Pentachlorophenol	16.82	266	425248	87.697	ng		98
71) Phenanthrene	17.21	178	1248435	37.657	ng		99
72) Anthracene	17.30	178	1294164	39.043	ng		98
73) Carbazole	17.58	167	1176339	39.330	ng		99
74) Di-n-butylphthalate	18.13	149	1372220	38.123	ng		98
75) Fluoranthene	19.23	202	1630009	38.859	ng		100
77) Benzidine	19.43	184	699583	32.637	ng		98
78) Pyrene	19.60	202	1682088	37.368	ng		100
80) Butylbenzylphthalate	20.49	149	679791	41.528	ng		97
81) Benzo(a)anthracene	21.34	228	1703264	36.225	ng		99
82) 3,3'-Dichlorobenzidine	21.28	252	489133	27.256	ng		98
83) Chrysene	21.40	228	1702981	37.346	ng		100
84) Bis(2-ethylhexyl)phthalate	21.26	149	996018	39.212	ng		98
85) Di-n-octyl phthalate	22.15	149	1763524	41.772	ng		97
86) Indeno(1,2,3-cd)pyrene	25.99	276	1666342	30.721	ng	#	100
88) Benzo(b)fluoranthene	22.96	252	1749281	37.834	ng		99
89) Benzo(k)fluoranthene	23.00	252	1712900	40.614	ng		99
90) Benzo(a)pyrene	23.55	252	1632022	38.860	ng		99
91) Dibenzo(a,h)anthracene	26.00	278	1447121	33.134	ng		100
92) Benzo(g,h,i)perylene	26.70	276	1316068	31.739	ng		99

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

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