Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
Data File : BM020242.D
Acq On : 10 May 2019 15:15
Operator : JU/SJ
Sample : K2746-02MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : COMP-5.8.19MSD

Manual Integrations APPROVED
Sohil
5/17/2019 5:59:43 PM

Quant Time: May 11 02:05:53 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	7.77	152	67753	20.00	ng		-0.02
21) Naphthalene-d8	10.57	136	299265	20.00	ng		-0.02
39) Acenaphthene-d10	14.42	164	208441	20.00	ng		-0.01
64) Phenanthrene-d10	17.17	188	538184	20.00	ng		-0.01
76) Chrysene-d12	21.36	240	618603	20.00	ng		0.00
87) Perylene-d12	23.65	264	715376	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	542236	130.82	ng		-0.01
7) Phenol-d6	6.95	99	797361	140.81	ng		0.00
23) Nitrobenzene-d5	8.95	82	539075	71.12	ng		-0.01
42) 2,4,6-Tribromophenol	15.92	330	420508	129.97	ng		0.00
45) 2-Fluorobiphenyl	13.04	172	1124052	66.35	ng		-0.02
79) Terphenyl-d14	19.80	244	2303505	64.95	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	54444	26.782	ng		96
3) Pyridine	3.69	79	171832	33.050	ng		95
4) n-Nitrosodimethylamine	3.61	42	62016	37.198	ng	#	69
6) Aniline	7.11	93	190744	26.759	ng		98
8) 2-Chlorophenol	7.34	128	198310	43.940	ng		97
9) Benzaldehyde	6.93	77	113520	26.487	ng		94
10) Phenol	6.97	94	293709	48.181	ng		90
11) bis(2-Chloroethyl)ether	7.21	93	187256	42.264	ng		98
12) 1,3-Dichlorobenzene	7.66	146	196097	37.344	ng		96
13) 1,4-Dichlorobenzene	7.81	146	202012	38.082	ng		97
14) 1,2-Dichlorobenzene	8.12	146	196960	38.972	ng		98
15) Benzyl Alcohol	8.02	79	233611	42.784	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.30	45	150189	40.880	ng		98
17) 2-Methylphenol	8.22	107	186683	47.573	ng		94
18) Hexachloroethane	8.84	117	77580	35.075	ng		97
19) n-Nitroso-di-n-propylamine	8.58	70	203104	41.924	ng		96
20) 3+4-Methylphenols	8.55	107	254165	48.733	ng		95
22) Acetophenone	8.60	105	323554	39.559	ng	#	96
24) Nitrobenzene	8.99	77	289839	36.878	ng		94
25) Isophorone	9.50	82	532922	40.769	ng		99
26) 2-Nitrophenol	9.69	139	110914	46.745	ng		95
27) 2,4-Dimethylphenol	9.75	122	191617	48.508	ng		99
28) bis(2-Chloroethoxy)methane	9.99	93	282938	39.742	ng		100
29) 2,4-Dichlorophenol	10.22	162	220411	44.249	ng		100
30) 1,2,4-Trichlorobenzene	10.43	180	229580	37.458	ng		97
31) Naphthalene	10.62	128	599391	38.596	ng		99
32) Benzoic acid	9.85	122	40771	19.119	ng	#	88
33) 4-Chloroaniline	10.74	127	102333	16.010	ng		97
34) Hexachlorobutadiene	10.88	225	144000	33.212	ng		98
35) Caprolactam	11.55	113	76233m	51.183	ng		
36) 4-Chloro-3-methylphenol	11.86	107	256038	43.740	ng		95
37) 2-Methylnaphthalene	12.23	142	473837	41.851	ng		97
38) 1-Methylnaphthalene	12.45	142	455574	41.149	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	290772	35.656	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	280389	58.394	ng		100
43) 2,4,6-Trichlorophenol	12.85	196	205213	44.277	ng		99
44) 2,4,5-Trichlorophenol	12.92	196	220306	42.550	ng		97
46) 1,1'-Biphenyl	13.25	154	639461	37.272	ng		98
47) 2-Chloronaphthalene	13.29	162	513102	37.457	ng		99
48) 2-Nitroaniline	13.51	65	193742	39.727	ng		94
49) Acenaphthylene	14.14	152	822150	37.502	ng		99
50) Dimethylphthalate	13.88	163	796983	44.987	ng		99
51) 2,6-Dinitrotoluene	14.01	165	153798	41.218	ng		88
52) Acenaphthene	14.49	154	483927	38.494	ng		99
53) 3-Nitroaniline	14.34	138	92728	26.776	ng		97
54) 2,4-Dinitrophenol	14.55	184	128862	70.117	ng		90
55) Dibenzofuran	14.82	168	818764	38.611	ng		96
56) 4-Nitrophenol	14.65	139	263457	89.163	ng		86
57) 2,4-Dinitrotoluene	14.80	165	219363	43.265	ng		94
58) Fluorene	15.47	166	670501	38.500	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.04	232	218770	44.463	ng		97
60) Diethylphthalate	15.24	149	692169	38.780	ng		100
61) 4-Chlorophenyl-phenylether	15.46	204	372051	37.704	ng		95
62) 4-Nitroaniline	15.51	138	150791m	39.455	ng		
63) Azobenzene	15.76	77	753516	35.786	ng		98
65) 4,6-Dinitro-2-methylphenol	15.56	198	115135	43.235	ng		97
66) n-Nitrosodiphenylamine	15.69	169	610224	38.533	ng		99
67) 4-Bromophenyl-phenylether	16.36	248	240921	36.506	ng		93
68) Hexachlorobenzene	16.46	284	275946	36.336	ng		97
69) Atrazine	16.63	200	232992	37.648	ng		99
70) Pentachlorophenol	16.82	266	377677	86.918	ng		98
71) Phenanthrene	17.21	178	1119335	37.678	ng		99
72) Anthracene	17.30	178	1150754	38.742	ng		100
73) Carbazole	17.58	167	1050530	39.197	ng		99
74) Di-n-butylphthalate	18.13	149	1215517	37.686	ng		98
75) Fluoranthene	19.23	202	1482624	39.444	ng		100
77) Benzidine	19.43	184	664117	33.580	ng		99
78) Pyrene	19.59	202	1506788	36.280	ng		100
80) Butylbenzylphthalate	20.49	149	611863	40.512	ng		98
81) Benzo(a)anthracene	21.34	228	1566614	36.112	ng		100
82) 3,3'-Dichlorobenzidine	21.28	252	465210	28.096	ng		100
83) Chrysene	21.40	228	1562518	37.138	ng		99
84) Bis(2-ethylhexyl)phthalate	21.26	149	909507	38.808	ng		98
85) Di-n-octyl phthalate	22.15	149	1607912	41.279	ng		97
86) Indeno(1,2,3-cd)pyrene	25.99	276	1779336	35.554	ng	#	100
88) Benzo(b)fluoranthene	22.96	252	1731794	36.660	ng		100
89) Benzo(k)fluoranthene	23.00	252	1676932	38.916	ng		99
90) Benzo(a)pyrene	23.55	252	1645498	38.349	ng		98
91) Dibenzo(a,h)anthracene	26.00	278	1543300	34.585	ng		100
92) Benzo(g,h,i)perylene	26.70	276	1393582	32.894	ng		99

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

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