Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070618\
Data File : BM015827.D
Acq On : 07 Jul 2018 06:46
Operator : SJ/JU
Sample : J3820-02MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BU-03-070318MS

Manual Integrations APPROVED
Sohil
7/9/2018 1:56:04 PM

Quant Time: Jul 09 01:04:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 05 17:39:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	121151	20.00	ng		-0.01
21) Naphthalene-d8	11.13	136	515476	20.00	ng		-0.01
38) Acenaphthene-d10	14.93	164	306546	20.00	ng		0.00
63) Phenanthrene-d10	17.65	188	683377	20.00	ng		0.00
75) Chrysene-d12	21.76	240	624351	20.00	ng		0.00
86) Perylene-d12	24.16	264	480849	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.82	112	978159	138.46	ng		0.00
7) Phenol-d6	7.46	99	1140628	117.94	ng		0.00
23) Nitrobenzene-d5	9.50	82	1004585	95.09	ng		0.00
41) 2,4,6-Tribromophenol	16.41	330	667122	166.55	ng		0.00
44) 2-Fluorobiphenyl	13.56	172	2294163	92.91	ng		0.00
78) Terphenyl-d14	20.22	244	3849139	114.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	100638	34.446	ng	#	100
3) Pyridine	4.02	79	232977	30.219	ng	#	77
4) n-Nitrosodimethylamine	3.93	42	244124	40.666	ng	#	42
6) Aniline	7.63	93	174209	14.858	ng	#	90
8) 2-Chlorophenol	7.87	128	408313	48.159	ng		95
9) Benzaldehyde	7.45	77	134811	22.116	ng		90
10) Phenol	7.49	94	396003	40.751	ng		93
11) bis(2-Chloroethyl)ether	7.73	93	341459	43.195	ng		89
12) 1,3-Dichlorobenzene	8.19	146	414171	44.060	ng	#	91
13) 1,4-Dichlorobenzene	8.35	146	423306	43.546	ng	#	95
14) 1,2-Dichlorobenzene	8.66	146	420299	44.707	ng		95
15) Benzyl Alcohol	8.56	79	379141	45.157	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.84	45	546000	63.244	ng		98
17) 2-Methylphenol	8.76	107	319129	47.402	ng	#	85
18) Hexachloroethane	9.39	117	176785	45.993	ng		96
19) n-Nitroso-di-n-propylamine	9.13	70	333388	42.893	ng	#	77
20) 3+4-Methylphenols	9.09	107	429856	45.966	ng		89
22) Acetophenone	9.15	105	626647	46.666	ng	#	87
24) Nitrobenzene	9.54	77	512878	49.871	ng		99
25) Isophorone	10.06	82	874164	54.210	ng	#	94
26) 2-Nitrophenol	10.25	139	222954	50.346	ng	#	61
27) 2,4-Dimethylphenol	10.30	122	378427	56.251	ng	#	84
28) bis(2-Chloroethoxy)methane	10.53	93	510392	48.582	ng		99
29) 2,4-Dichlorophenol	10.79	162	404976	54.353	ng		98
30) 1,2,4-Trichlorobenzene	10.99	180	419189	48.438	ng		96
31) Naphthalene	11.19	128	1324186	49.548	ng		100
32) Benzoic acid	10.49	122	226656	38.054	ng	#	83
33) 4-Chloroaniline	11.31	127	67265	6.173	ng	#	86
34) Hexachlorobutadiene	11.45	225	268139	46.426	ng		96
35) Caprolactam	12.12	113	83839m	33.929	ng		
36) 4-Chloro-3-methylphenol	12.41	107	454636	53.178	ng		87
37) 2-Methylnaphthalene	12.77	142	990534	52.102	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	13.13	216	480403	48.828	ng	#	100
40) Hexachlorocyclopentadiene	13.10	237	514381	108.184	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.37	196	329671	53.008	ng		99
43) 2,4,5-Trichlorophenol	13.45	196	346782	51.618	ng	#	85
45) 1,1'-Biphenyl	13.77	154	1271202	47.963	ng		99
46) 2-Chloronaphthalene	13.82	162	986577	49.786	ng	#	90
47) 2-Nitroaniline	14.03	65	345549	50.004	ng	#	81
48) Acenaphthylene	14.66	152	1638265	50.820	ng		100
49) Dimethylphthalate	14.39	163	1312671	48.554	ng		99
50) 2,6-Dinitrotoluene	14.52	165	275779	52.317	ng	#	72
51) Acenaphthene	14.99	154	942970	47.009	ng		97
52) 3-Nitroaniline	14.85	138	108334	18.776	ng	#	79
53) 2,4-Dinitrophenol	15.06	184	279439	103.665	ng	#	87
54) Dibenzofuran	15.33	168	1543518	49.936	ng	#	88
55) 4-Nitrophenol	15.15	139	394715	92.697	ng	#	71
56) 2,4-Dinitrotoluene	15.30	165	401837	52.802	ng		95
57) Fluorene	15.97	166	1273374	49.957	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.55	232	311441	54.936	ng	#	100
59) Diethylphthalate	15.72	149	1427218	49.263	ng		96
60) 4-Chlorophenyl-phenylether	15.95	204	635758	48.472	ng	#	90
61) 4-Nitroaniline	16.01	138	245415	41.002	ng	#	36
62) Azobenzene	16.24	77	1458287	53.698	ng		82
64) 4,6-Dinitro-2-methylphenol	16.06	198	193395	46.552	ng		88
65) n-Nitrosodiphenylamine	16.17	169	1091527	46.614	ng		97
66) 4-Bromophenyl-phenylether	16.84	248	387509	50.787	ng	#	86
67) Hexachlorobenzene	16.96	284	423977	49.727	ng	#	81
68) Atrazine	17.10	200	406723	52.806	ng		99
69) Pentachlorophenol	17.30	266	483994	91.738	ng		99
70) Phenanthrene	17.70	178	1959042	50.108	ng		99
71) Anthracene	17.79	178	1978811	51.539	ng		99
72) Carbazole	18.06	167	1757887	49.133	ng		98
73) Di-n-butylphthalate	18.57	149	2441970	50.638	ng	#	97
74) Fluoranthene	19.67	202	2179072	48.482	ng		98
76) Benzidine	19.85	184	251953	13.773	ng		99
77) Pyrene	20.03	202	2191833	56.357	ng		99
79) Butylbenzylphthalate	20.88	149	1063642	56.577	ng	#	83
80) Benzo(a)anthracene	21.74	228	2001365	50.558	ng		99
81) 3,3'-Dichlorobenzidine	21.67	252	300539	21.131	ng		99
82) Chrysene	21.80	228	1821094	49.385	ng		99
83) Bis(2-ethylhexyl)phthalate	21.63	149	1519677	54.708	ng		96
84) Di-n-octyl phthalate	22.55	149	2321312	51.250	ng	#	91
85) Indeno(1,2,3-cd)pyrene	26.64	276	1544106	45.069	ng	#	93
87) Benzo(b)fluoranthene	23.43	252	1611084	50.184	ng	#	96
88) Benzo(k)fluoranthene	23.48	252	1546318	49.584	ng		98
89) Benzo(a)pyrene	24.06	252	1435734	50.805	ng		100
90) Dibenzo(a,h)anthracene	26.64	278	1320888	51.950	ng		97
91) Benzo(g,h,i)perylene	27.40	276	1207769	54.062	ng	#	93

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

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