Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070618\
Data File : BM015820.D
Acq On : 07 Jul 2018 02:20
Operator : SJ/JU
Sample : J3888-02MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : AOC7-BTM-6-6.5MSD

Manual Integrations APPROVED
Sohil
7/9/2018 1:55:57 PM

Quant Time: Jul 07 03:40:05 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	130485	20.00	ng		-0.01
21) Naphthalene-d8	11.13	136	524658	20.00	ng		-0.01
38) Acenaphthene-d10	14.93	164	284067	20.00	ng		0.00
63) Phenanthrene-d10	17.65	188	544843	20.00	ng		0.00
75) Chrysene-d12	21.76	240	394355	20.00	ng		0.00
86) Perylene-d12	24.16	264	355470	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.81	112	1273530	167.38	ng		0.00
7) Phenol-d6	7.47	99	1631104	156.59	ng		0.00
23) Nitrobenzene-d5	9.50	82	1086588	101.05	ng		0.00
41) 2,4,6-Tribromophenol	16.41	330	570863	153.80	ng		0.00
44) 2-Fluorobiphenyl	13.56	172	2164787	94.61	ng		0.00
78) Terphenyl-d14	20.22	244	2383987	112.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	115798	36.800	ng	#	100
3) Pyridine	4.01	79	314135	37.831	ng	#	81
4) n-Nitrosodimethylamine	3.92	42	275943	42.678	ng	#	45
6) Aniline	7.63	93	534656	42.338	ng		92
8) 2-Chlorophenol	7.87	128	438029	47.968	ng		96
9) Benzaldehyde	7.44	77	203726	31.032	ng		91
10) Phenol	7.49	94	536398	51.250	ng		92
11) bis(2-Chloroethyl)ether	7.73	93	363329	42.674	ng		88
12) 1,3-Dichlorobenzene	8.19	146	437502	43.212	ng	#	93
13) 1,4-Dichlorobenzene	8.35	146	449298	42.914	ng	#	95
14) 1,2-Dichlorobenzene	8.66	146	439630	43.418	ng		94
15) Benzyl Alcohol	8.56	79	394701	43.647	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	8.84	45	567343	61.015	ng		98
17) 2-Methylphenol	8.76	107	344959	47.573	ng	#	86
18) Hexachloroethane	9.39	117	181784	43.910	ng		95
19) n-Nitroso-di-n-propylamine	9.13	70	333572	39.847	ng	#	79
20) 3+4-Methylphenols	9.09	107	465462	46.213	ng		90
22) Acetophenone	9.15	105	626177	45.815	ng	#	88
24) Nitrobenzene	9.54	77	505410	48.285	ng		99
25) Isophorone	10.06	82	850888	51.843	ng	#	93
26) 2-Nitrophenol	10.25	139	226081	50.159	ng	#	65
27) 2,4-Dimethylphenol	10.30	122	381243	55.678	ng	#	85
28) bis(2-Chloroethoxy)methane	10.53	93	501494	46.900	ng		99
29) 2,4-Dichlorophenol	10.79	162	395644	52.171	ng		96
30) 1,2,4-Trichlorobenzene	11.00	180	412027	46.777	ng		98
31) Naphthalene	11.19	128	1266824	46.572	ng		99
32) Benzoic acid	10.42	122	57810m	9.536	ng		
33) 4-Chloroaniline	11.30	127	490561	44.233	ng	#	88
34) Hexachlorobutadiene	11.45	225	264085	44.924	ng		97
35) Caprolactam	12.11	113	105204m	41.830	ng		
36) 4-Chloro-3-methylphenol	12.40	107	421768	48.470	ng		88
37) 2-Methylnaphthalene	12.77	142	922559	47.677	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	13.14	216	447788	49.114	ng	#	100
40) Hexachlorocyclopentadiene	13.10	237	484374	109.781	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.37	196	298465	51.788	ng		99
43) 2,4,5-Trichlorophenol	13.45	196	310367	49.853	ng	#	84
45) 1,1'-Biphenyl	13.77	154	1140876	46.452	ng		99
46) 2-Chloronaphthalene	13.82	162	885253	48.208	ng	#	92
47) 2-Nitroaniline	14.03	65	299915	46.834	ng	#	79
48) Acenaphthylene	14.66	152	1414922	47.365	ng		99
49) Dimethylphthalate	14.39	163	1394599	55.666	ng		99
50) 2,6-Dinitrotoluene	14.52	165	233365	47.774	ng	#	74
51) Acenaphthene	14.99	154	810456	43.600	ng		97
52) 3-Nitroaniline	14.84	138	217148	40.614	ng	#	77
53) 2,4-Dinitrophenol	15.06	184	149451	62.789	ng	#	86
54) Dibenzofuran	15.32	168	1297090	45.285	ng	#	88
55) 4-Nitrophenol	15.15	139	344780	87.377	ng	#	68
56) 2,4-Dinitrotoluene	15.30	165	321397	45.574	ng		92
57) Fluorene	15.97	166	1031994	43.691	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.55	232	257908	49.093	ng	#	100
59) Diethylphthalate	15.72	149	1130701	42.116	ng		96
60) 4-Chlorophenyl-phenylether	15.95	204	520509	42.826	ng		91
61) 4-Nitroaniline	16.01	138	209158	37.710	ng	#	39
62) Azobenzene	16.24	77	1167595	46.396	ng		82
64) 4,6-Dinitro-2-methylphenol	16.06	198	147377	44.495	ng		88
65) n-Nitrosodiphenylamine	16.17	169	880415	47.159	ng		99
66) 4-Bromophenyl-phenylether	16.84	248	303382	49.871	ng	#	86
67) Hexachlorobenzene	16.96	284	324715	47.768	ng	#	80
68) Atrazine	17.10	200	298624	48.630	ng		99
69) Pentachlorophenol	17.30	266	349341	83.052	ng		98
70) Phenanthrene	17.70	178	1415661	45.416	ng		99
71) Anthracene	17.79	178	1439758	47.033	ng		98
72) Carbazole	18.06	167	1252235	43.899	ng		98
73) Di-n-butylphthalate	18.57	149	1661333	43.210	ng	#	98
74) Fluoranthene	19.67	202	1387701	38.725	ng		98
76) Benzidine	19.85	184	954503	82.611	ng		99
77) Pyrene	20.03	202	1347303	54.846	ng		100
79) Butylbenzylphthalate	20.88	149	596106	50.201	ng	#	85
80) Benzo(a)anthracene	21.74	228	1137703	45.502	ng		100
81) 3,3'-Dichlorobenzidine	21.67	252	400975	44.635	ng		100
82) Chrysene	21.80	228	1044566	44.847	ng		99
83) Bis(2-ethylhexyl)phthalate	21.63	149	802820	45.757	ng		94
84) Di-n-octyl phthalate	22.55	149	1219849	42.639	ng	#	91
85) Indeno(1,2,3-cd)pyrene	26.64	276	1185647	54.790	ng	#	93
87) Benzo(b)fluoranthene	23.43	252	1040204	43.830	ng	#	95
88) Benzo(k)fluoranthene	23.48	252	969111	42.036	ng		98
89) Benzo(a)pyrene	24.06	252	972361	46.544	ng		100
90) Dibenzo(a,h)anthracene	26.64	278	1011214	53.798	ng		97
91) Benzo(g,h,i)perylene	27.40	276	963957	58.367	ng	#	95

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

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