Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071118\
Data File : BM015905.D
Acq On : 12 Jul 2018 09:04
Operator : SJ/JU
Sample : J3824-02MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HD-02-071018MSD

Manual Integrations APPROVED
Sohil
7/12/2018 6:47:05 PM

Quant Time: Jul 12 09:52:56 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	8.29	152	90337	20.00	ng		-0.02
21) Naphthalene-d8	11.12	136	346125	20.00	ng		-0.03
38) Acenaphthene-d10	14.91	164	177516	20.00	ng		-0.02
63) Phenanthrene-d10	17.64	188	345190	20.00	ng		-0.02
75) Chrysene-d12	21.74	240	309502	20.00	ng		-0.02
86) Perylene-d12	24.14	264	296384	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	817892	155.27	ng		-0.02
7) Phenol-d6	7.45	99	973191	134.95	ng		-0.02
23) Nitrobenzene-d5	9.48	82	765619	107.92	ng		-0.02
41) 2,4,6-Tribromophenol	16.39	330	355441	153.24	ng		-0.02
44) 2-Fluorobiphenyl	13.54	172	1529356	106.96	ng		-0.02
78) Terphenyl-d14	20.20	244	1822882	109.25	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	92056	42.256	ng	#	100
3) Pyridine	4.02	79	167980	29.220	ng	#	82
4) n-Nitrosodimethylamine	3.92	42	209609	46.826	ng	#	42
6) Aniline	7.62	93	81366	9.307	ng	#	90
8) 2-Chlorophenol	7.85	128	312143	49.374	ng		94
9) Benzaldehyde	7.43	77	162830	35.825	ng		92
10) Phenol	7.47	94	316279	43.649	ng		94
11) bis(2-Chloroethyl)ether	7.71	93	264731	44.912	ng		89
12) 1,3-Dichlorobenzene	8.17	146	331627	47.312	ng	#	91
13) 1,4-Dichlorobenzene	8.33	146	335231	46.249	ng	#	95
14) 1,2-Dichlorobenzene	8.65	146	327800	46.761	ng	#	94
15) Benzyl Alcohol	8.55	79	276250	44.125	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.82	45	408317	63.428	ng		99
17) 2-Methylphenol	8.74	107	234122	46.637	ng	#	86
18) Hexachloroethane	9.37	117	137198	47.869	ng		96
19) n-Nitroso-di-n-propylamine	9.11	70	233991	40.374	ng	#	80
20) 3+4-Methylphenols	9.07	107	299832	42.998	ng		90
22) Acetophenone	9.13	105	440206	48.821	ng	#	86
24) Nitrobenzene	9.52	77	368070	53.301	ng		98
25) Isophorone	10.04	82	594027	54.862	ng	#	94
26) 2-Nitrophenol	10.23	139	156278	52.557	ng	#	62
27) 2,4-Dimethylphenol	10.28	122	257244	56.947	ng		86
28) bis(2-Chloroethoxy)methane	10.52	93	345776	49.017	ng		97
29) 2,4-Dichlorophenol	10.77	162	265271	53.022	ng		97
30) 1,2,4-Trichlorobenzene	10.97	180	298979	51.451	ng		98
31) Naphthalene	11.17	128	904249	50.389	ng		99
32) Benzoic acid	10.46	122	149583	37.401	ng	#	84
33) 4-Chloroaniline	11.30	127	45700	6.246	ng	#	88
34) Hexachlorobutadiene	11.42	225	197742	50.989	ng		99
35) Caprolactam	12.09	113	55750m	33.600	ng		
36) 4-Chloro-3-methylphenol	12.39	107	275554	48.001	ng		88
37) 2-Methylnaphthalene	12.76	142	654743	51.290	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	322214	56.554	ng	#	100
40) Hexachlorocyclopentadiene	13.08	237	354599	126.984	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.36	196	196320	54.511	ng		99
43) 2,4,5-Trichlorophenol	13.43	196	200777	51.608	ng	#	82
45) 1,1'-Biphenyl	13.75	154	808565	52.682	ng		99
46) 2-Chloronaphthalene	13.80	162	623896	54.369	ng	#	91
47) 2-Nitroaniline	14.01	65	196486	49.100	ng	#	78
48) Acenaphthylene	14.64	152	973234	52.135	ng		100
49) Dimethylphthalate	14.36	163	743292	47.477	ng		99
50) 2,6-Dinitrotoluene	14.50	165	155251	50.860	ng	#	63
51) Acenaphthene	14.97	154	569645	49.039	ng		98
52) 3-Nitroaniline	14.83	138	58768	17.589	ng	#	66
53) 2,4-Dinitrophenol	15.04	184	148601	95.769	ng	#	79
54) Dibenzofuran	15.31	168	898477	50.196	ng	#	88
55) 4-Nitrophenol	15.13	139	205839	83.477	ng	#	75
56) 2,4-Dinitrotoluene	15.29	165	209969	47.645	ng		98
57) Fluorene	15.95	166	709324	48.056	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.53	232	167981	51.168	ng	#	100
59) Diethylphthalate	15.70	149	764089	45.544	ng		96
60) 4-Chlorophenyl-phenylether	15.93	204	354554	46.681	ng	#	89
61) 4-Nitroaniline	15.99	138	121356	35.012	ng	#	29
62) Azobenzene	16.23	77	820930	52.201	ng		80
64) 4,6-Dinitro-2-methylphenol	16.04	198	99250	47.296	ng		85
65) n-Nitrosodiphenylamine	16.15	169	590498	49.924	ng		98
66) 4-Bromophenyl-phenylether	16.82	248	203590	52.824	ng	#	81
67) Hexachlorobenzene	16.94	284	223153	51.815	ng	#	75
68) Atrazine	17.09	200	195191	50.171	ng		99
69) Pentachlorophenol	17.29	266	229729	86.204	ng		99
70) Phenanthrene	17.68	178	989681	50.114	ng		99
71) Anthracene	17.77	178	1005113	51.826	ng		99
72) Carbazole	18.04	167	865203	47.874	ng		99
73) Di-n-butylphthalate	18.56	149	1169693	48.019	ng	#	97
74) Fluoranthene	19.66	202	1034783	45.579	ng		100
76) Benzidine	19.84	184	90288	9.957	ng		99
77) Pyrene	20.02	202	1039287	53.906	ng		99
79) Butylbenzylphthalate	20.87	149	486776	52.232	ng	#	84
80) Benzo(a)anthracene	21.73	228	987401	50.318	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	173784	24.648	ng		100
82) Chrysene	21.79	228	914454	50.025	ng		99
83) Bis(2-ethylhexyl)phthalate	21.62	149	706783	51.328	ng		95
84) Di-n-octyl phthalate	22.53	149	1141034	50.819	ng	#	90
85) Indeno(1,2,3-cd)pyrene	26.61	276	1122928	66.118	ng	#	93
87) Benzo(b)fluoranthene	23.41	252	965095	48.772	ng	#	96
88) Benzo(k)fluoranthene	23.46	252	901070	46.877	ng		99
89) Benzo(a)pyrene	24.04	252	903627	51.877	ng		99
90) Dibenzo(a,h)anthracene	26.61	278	955723	60.982	ng		98
91) Benzo(g,h,i)perylene	27.36	276	907222	65.883	ng		95

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

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