Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111218\
Data File : BM017612.D
Acq On : 12 Nov 2018 14:37
Operator : MJ/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
Sohil
11/13/2018 2:25:08 PM

Quant Time: Nov 12 16:24:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 16:10:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	228452	20.00	ng		0.00
21) Naphthalene-d8	10.39	136	1027300	20.00	ng		0.00
39) Acenaphthene-d10	14.26	164	617017	20.00	ng		0.00
64) Phenanthrene-d10	17.02	188	1399872	20.00	ng		0.00
76) Chrysene-d12	21.22	240	1488261	20.00	ng		0.00
87) Perylene-d12	23.41	264	1267306	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	668002	49.46	ng		0.00
7) Phenol-d6	6.80	99	951128	51.70	ng		0.00
23) Nitrobenzene-d5	8.77	82	1016718	57.88	ng		0.00
42) 2,4,6-Tribromophenol	15.76	330	450874	54.03	ng		0.00
45) 2-Fluorobiphenyl	12.87	172	2402986	51.82	ng		0.00
79) Terphenyl-d14	19.66	244	3315298	50.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	134475	19.497	ng		99
3) Pyridine	3.62	79	416081	26.218	ng		99
4) n-Nitrosodimethylamine	3.53	42	182501	28.646	ng		99
6) Aniline	6.96	93	589733	25.630	ng		100
8) 2-Chlorophenol	7.19	128	403771	25.839	ng		98
9) Benzaldehyde	6.78	77	357809	30.505	ng		98
10) Phenol	6.83	94	495405	25.022	ng		98
11) bis(2-Chloroethyl)ether	7.06	93	392364	24.860	ng		100
12) 1,3-Dichlorobenzene	7.50	146	457152	25.096	ng		98
13) 1,4-Dichlorobenzene	7.65	146	465493	25.012	ng		99
14) 1,2-Dichlorobenzene	7.96	146	449518	25.069	ng		99
15) Benzyl Alcohol	7.86	79	384288	28.579	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.15	45	605988	27.483	ng		99
17) 2-Methylphenol	8.06	107	337882	26.588	ng		99
18) Hexachloroethane	8.68	117	163615	25.689	ng		98
19) n-Nitroso-di-n-propylamine	8.42	70	345720	28.541	ng		97
20) 3+4-Methylphenols	8.39	107	474501	27.300	ng		98
22) Acetophenone	8.44	105	653412	25.092	ng	#	98
24) Nitrobenzene	8.81	77	515794	27.761	ng		100
25) Isophorone	9.33	82	788546	27.187	ng		99
26) 2-Nitrophenol	9.52	139	236354	29.510	ng		98
27) 2,4-Dimethylphenol	9.58	122	336340	26.225	ng		99
28) bis(2-Chloroethoxy)methane	9.82	93	533596	26.138	ng		99
29) 2,4-Dichlorophenol	10.05	162	398640	26.770	ng		98
30) 1,2,4-Trichlorobenzene	10.25	180	452605	25.337	ng		95
31) Naphthalene	10.44	128	1268078	25.188	ng		100
32) Benzoic acid	9.73	122	291177m	30.428	ng		
33) 4-Chloroaniline	10.56	127	567828	26.115	ng		99
34) Hexachlorobutadiene	10.72	225	281900	24.906	ng		99
35) Caprolactam	11.35	113	144314	26.592	ng		95
36) 4-Chloro-3-methylphenol	11.69	107	467615	27.858	ng		97
37) 2-Methylnaphthalene	12.06	142	896274	26.016	ng		99
38) 1-Methylnaphthalene	12.28	142	888965	26.512	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	547921	25.216	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	270603	25.760	ng	98
43) 2,4,6-Trichlorophenol	12.68	196	350255	27.767	ng	99
44) 2,4,5-Trichlorophenol	12.76	196	366402	27.088	ng	98
46) 1,1'-Biphenyl	13.09	154	1402124	25.252	ng	99
47) 2-Chloronaphthalene	13.13	162	1041959	25.508	ng	99
48) 2-Nitroaniline	13.35	65	329942	31.252	ng	97
49) Acenaphthylene	13.98	152	1572302	26.555	ng	100
50) Dimethylphthalate	13.73	163	1266432	26.604	ng	98
51) 2,6-Dinitrotoluene	13.85	165	282865	26.998	ng	96
52) Acenaphthene	14.33	154	958077	25.771	ng	98
53) 3-Nitroaniline	14.19	138	298116	26.272	ng	99
54) 2,4-Dinitrophenol	14.40	184	130748	26.086	ng	98
55) Dibenzofuran	14.66	168	1579408	25.548	ng	99
56) 4-Nitrophenol	14.50	139	217689	23.632	ng	95
57) 2,4-Dinitrotoluene	14.65	165	389818	27.682	ng	98
58) Fluorene	15.32	166	1192412	26.058	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.89	232	340354	27.605	ng	99
60) Diethylphthalate	15.10	149	1371198	29.045	ng	99
61) 4-Chlorophenyl-phenylether	15.32	204	674873	25.870	ng	99
62) 4-Nitroaniline	15.36	138	279568	23.769	ng	99
63) Azobenzene	15.61	77	1299942	28.330	ng	99
65) 4,6-Dinitro-2-methylphenol	15.41	198	233655	28.825	ng	99
66) n-Nitrosodiphenylamine	15.53	169	1142656	26.979	ng	99
67) 4-Bromophenyl-phenylether	16.21	248	417073	27.134	ng	93
68) Hexachlorobenzene	16.32	284	473964	26.546	ng	97
69) Atrazine	16.50	200	427617	28.210	ng	96
70) Pentachlorophenol	16.67	266	317107	25.927	ng	99
71) Phenanthrene	17.06	178	1916672	25.377	ng	100
72) Anthracene	17.15	178	1886370	26.285	ng	100
73) Carbazole	17.43	167	1921119	26.206	ng	99
74) Di-n-butylphthalate	17.99	149	2135504	27.619	ng	99
75) Fluoranthene	19.08	202	2199463	25.880	ng	99
77) Benzidine	19.28	184	1163974	30.844	ng	99
78) Pyrene	19.45	202	2297129	27.616	ng	100
80) Butylbenzylphthalate	20.36	149	937458	32.776	ng	99
81) Benzo(a)anthracene	21.20	228	2164863	25.849	ng	99
82) 3,3'-Dichlorobenzidine	21.14	252	838702	26.869	ng	100
83) Chrysene	21.25	228	2083627	25.135	ng	100
84) Bis(2-ethylhexyl)phthalate	21.14	149	1348151	30.122	ng	99
85) Di-n-octyl phthalate	22.01	149	2159130	28.497	ng	99
86) Indeno(1,2,3-cd)pyrene	25.59	276	1673516	18.049	ng	100
88) Benzo(b)fluoranthene	22.75	252	1911120	27.582	ng	99
89) Benzo(k)fluoranthene	22.80	252	1877712	27.007	ng	99
90) Benzo(a)pyrene	23.31	252	1716403	26.090	ng	99
91) Dibenzo(a,h)anthracene	25.60	278	1415807	21.674	ng	99
92) Benzo(g,h,i)perylene	26.26	276	1325837	20.478	ng	99

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

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