Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120618\
Data File : BM017947.D
Acq On : 05 Dec 2018 22:27
Operator : JU/SJ
Sample : J6184-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RO-331MS

Manual Integrations APPROVED
mohammad
12/6/2018 12:20:26 PM

Quant Time: Dec 06 05:58:54 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 18:37:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	139564	20.00	ng	-0.05
21) Naphthalene-d8	10.33	136	534234	20.00	ng	-0.05
39) Acenaphthene-d10	14.22	164	276964	20.00	ng	-0.05
64) Phenanthrene-d10	16.97	188	574931	20.00	ng	-0.05
76) Chrysene-d12	21.18	240	623676	20.00	ng	-0.04
87) Perylene-d12	23.36	264	642355	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	797834	96.48	ng	-0.04
7) Phenol-d6	6.76	99	950119	82.26	ng	-0.05
23) Nitrobenzene-d5	8.72	82	738501	71.36	ng	-0.05
42) 2,4,6-Tribromophenol	15.72	330	442952	111.31	ng	-0.05
45) 2-Fluorobiphenyl	12.82	172	1623580	76.05	ng	-0.05
79) Terphenyl-d14	19.62	244	2221967	80.75	ng	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	110822	32.177	ng	# 5
3) Pyridine	3.59	79	219751	21.752	ng	# 85
4) n-Nitrosodimethylamine	3.50	42	133019	29.890	ng	85
6) Aniline	6.92	93	86658	6.050	ng	96
8) 2-Chlorophenol	7.14	128	372375	37.625	ng	94
9) Benzaldehyde	6.73	77	126868	15.079	ng	96
10) Phenol	6.79	94	361879	29.850	ng	95
11) bis(2-Chloroethyl)ether	7.01	93	339404	35.464	ng	95
12) 1,3-Dichlorobenzene	7.45	146	396208	35.682	ng	96
13) 1,4-Dichlorobenzene	7.60	146	400648	35.202	ng	99
14) 1,2-Dichlorobenzene	7.91	146	388301	35.185	ng	99
15) Benzyl Alcohol	7.82	79	303606	33.008	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.09	45	383233	26.301	ng	91
17) 2-Methylphenol	8.02	107	289713	35.474	ng	96
18) Hexachloroethane	8.62	117	143075	35.668	ng	97
19) n-Nitroso-di-n-propylamine	8.37	70	267290	32.230	ng	91
20) 3+4-Methylphenols	8.35	107	373607	32.926	ng	96
22) Acetophenone	8.39	105	543932	40.794	ng	# 93
24) Nitrobenzene	8.76	77	397354	37.846	ng	97
25) Isophorone	9.28	82	706349	44.193	ng	98
26) 2-Nitrophenol	9.46	139	200596	41.479	ng	92
27) 2,4-Dimethylphenol	9.53	122	322902	46.329	ng	98
28) bis(2-Chloroethoxy)methane	9.76	93	438286	40.488	ng	99
29) 2,4-Dichlorophenol	9.99	162	331063	40.918	ng	98
30) 1,2,4-Trichlorobenzene	10.20	180	358722	38.121	ng	98
31) Naphthalene	10.38	128	1105465	42.086	ng	100
32) Benzoic acid	9.69	122	184050m	29.151	ng	
33) 4-Chloroaniline	10.52	127	35753	3.108	ng	96
34) Hexachlorobutadiene	10.66	225	213535	36.552	ng	98
35) Caprolactam	11.31	113	68473m	22.981	ng	
36) 4-Chloro-3-methylphenol	11.65	107	342632	36.680	ng	98
37) 2-Methylnaphthalene	12.00	142	790061	42.558	ng	99
38) 1-Methylnaphthalene	12.23	142	749837	41.194	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.38	216	400726	41.031	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.35	237	470459	93.222	ng		98
43) 2,4,6-Trichlorophenol	12.63	196	257357	42.070	ng		97
44) 2,4,5-Trichlorophenol	12.71	196	273365	42.322	ng		99
46) 1,1'-Biphenyl	13.04	154	979380	39.395	ng		99
47) 2-Chloronaphthalene	13.07	162	760812	41.230	ng		99
48) 2-Nitroaniline	13.30	65	209746	36.755	ng		90
49) Acenaphthylene	13.93	152	1216298	43.871	ng		100
50) Dimethylphthalate	13.69	163	908626	40.351	ng		99
51) 2,6-Dinitrotoluene	13.81	165	198686	39.624	ng		97
52) Acenaphthene	14.28	154	704446	41.403	ng		99
53) 3-Nitroaniline	14.14	138	47055	8.619	ng		95
54) 2,4-Dinitrophenol	14.36	184	241050	78.854	ng		93
55) Dibenzofuran	14.62	168	1118436	40.224	ng		99
56) 4-Nitrophenol	14.46	139	280606	62.318	ng		98
57) 2,4-Dinitrotoluene	14.61	165	281104	41.589	ng		98
58) Fluorene	15.27	166	911739	42.832	ng		96
59) 2,3,4,6-Tetrachlorophenol	14.85	232	249153	41.938	ng		99
60) Diethylphthalate	15.06	149	913601	37.550	ng		99
61) 4-Chlorophenyl-phenylether	15.27	204	456842	37.775	ng		99
62) 4-Nitroaniline	15.32	138	158047	30.718	ng		94
63) Azobenzene	15.56	77	842744	37.469	ng		96
65) 4,6-Dinitro-2-methylphenol	15.37	198	159791	40.120	ng		95
66) n-Nitrosodiphenylamine	15.49	169	787334	42.594	ng		100
67) 4-Bromophenyl-phenylether	16.17	248	282054	41.481	ng		96
68) Hexachlorobenzene	16.27	284	311662	40.658	ng		95
69) Atrazine	16.46	200	261579	38.475	ng		94
70) Pentachlorophenol	16.63	266	384321	71.555	ng		99
71) Phenanthrene	17.02	178	1385576	44.414	ng		99
72) Anthracene	17.10	178	1415388	46.624	ng		99
73) Carbazole	17.39	167	1255575	40.930	ng		99
74) Di-n-butylphthalate	17.95	149	1549651	45.380	ng		100
75) Fluoranthene	19.04	202	1603431	45.425	ng		100
77) Benzidine	19.26	184	42444m	2.090	ng		
78) Pyrene	19.41	202	1629203	42.337	ng		99
80) Butylbenzylphthalate	20.33	149	705512	45.140	ng		96
81) Benzo(a)anthracene	21.16	228	1614937	44.945	ng		100
82) 3,3'-Dichlorobenzidine	21.11	252	291780	21.041	ng		100
83) Chrysene	21.22	228	1503638	43.086	ng		99
84) Bis(2-ethylhexyl)phthalate	21.10	149	1029723	44.566	ng		100
85) Di-n-octyl phthalate	21.97	149	1792158	48.439	ng	#	95
86) Indeno(1,2,3-cd)pyrene	25.53	276	1875647	67.257	ng		99
88) Benzo(b)fluoranthene	22.71	252	1620823	43.086	ng		99
89) Benzo(k)fluoranthene	22.76	252	1570674	41.309	ng		98
90) Benzo(a)pyrene	23.26	252	1562757	45.561	ng		99
91) Dibenzo(a,h)anthracene	25.53	278	1602409	55.569	ng		99
92) Benzo(g,h,i)perylene	26.19	276	1583387	58.391	ng		99

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

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