Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121718\
Data File : BM018253.D
Acq On : 17 Dec 2018 17:39
Operator : JU/SJ
Sample : J6357-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-01AMS

Manual Integrations APPROVED
Sohil
12/18/2018 6:15:02 PM

Quant Time: Dec 18 01:37:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 15 21:39:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	138791	20.00	ng		-0.01
21) Naphthalene-d8	10.26	136	503126	20.00	ng		-0.01
39) Acenaphthene-d10	14.15	164	219673	20.00	ng		-0.01
64) Phenanthrene-d10	16.92	188	395266	20.00	ng		0.00
76) Chrysene-d12	21.14	240	426565	20.00	ng		0.00
87) Perylene-d12	23.30	264	516072	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	1093141	131.57	ng		0.00
7) Phenol-d6	6.70	99	1373249	118.92	ng		0.00
23) Nitrobenzene-d5	8.65	82	865806	88.27	ng		-0.01
42) 2,4,6-Tribromophenol	15.66	330	333297	103.37	ng		0.00
45) 2-Fluorobiphenyl	12.76	172	1515519	89.36	ng		-0.01
79) Terphenyl-d14	19.57	244	1465518	77.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	123827	37.623	ng		98
3) Pyridine	3.51	79	369856	38.199	ng		98
4) n-Nitrosodimethylamine	3.43	42	155185	46.565	ng	#	99
6) Aniline	6.85	93	126269	8.716	ng		99
8) 2-Chlorophenol	7.07	128	394415	40.179	ng		99
9) Benzaldehyde	6.66	77	151167	21.476	ng		100
10) Phenol	6.73	94	571719	46.747	ng		98
11) bis(2-Chloroethyl)ether	6.95	93	369163	37.980	ng		96
12) 1,3-Dichlorobenzene	7.38	146	432108	39.420	ng		100
13) 1,4-Dichlorobenzene	7.53	146	434944	39.074	ng		98
14) 1,2-Dichlorobenzene	7.84	146	416059	38.773	ng		98
15) Benzyl Alcohol	7.75	79	337811	35.900	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.03	45	312018	35.672	ng		94
17) 2-Methylphenol	7.95	107	307260	37.626	ng		96
18) Hexachloroethane	8.55	117	161057	39.475	ng		97
19) n-Nitroso-di-n-propylamine	8.30	70	294329	34.135	ng		97
20) 3+4-Methylphenols	8.28	107	400737	35.021	ng		98
22) Acetophenone	8.32	105	568631	42.708	ng	#	99
24) Nitrobenzene	8.70	77	430316	43.906	ng		99
25) Isophorone	9.22	82	725927	44.453	ng		100
26) 2-Nitrophenol	9.39	139	200367	41.682	ng		99
27) 2,4-Dimethylphenol	9.47	122	293202	42.322	ng		99
28) bis(2-Chloroethoxy)methane	9.70	93	451874	42.450	ng		98
29) 2,4-Dichlorophenol	9.93	162	304874	39.690	ng		97
30) 1,2,4-Trichlorobenzene	10.13	180	363621	41.617	ng		95
31) Naphthalene	10.31	128	1078286	43.830	ng		99
32) Benzoic acid	9.57	122	29061m	4.430	ng		
33) 4-Chloroaniline	10.45	127	67496	6.263	ng		97
34) Hexachlorobutadiene	10.58	225	227450	41.160	ng		99
35) Caprolactam	11.25	113	84202m	28.768	ng		
36) 4-Chloro-3-methylphenol	11.59	107	313277	33.942	ng		99
37) 2-Methylnaphthalene	11.93	142	731374	42.155	ng		99
38) 1-Methylnaphthalene	12.16	142	688812	40.687	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.31	216	362168	47.944	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	291864	87.398	ng	99
43) 2,4,6-Trichlorophenol	12.57	196	220624	45.409	ng	96
44) 2,4,5-Trichlorophenol	12.65	196	220511	42.752	ng	97
46) 1,1'-Biphenyl	12.97	154	858123	43.422	ng	99
47) 2-Chloronaphthalene	13.01	162	656460	45.131	ng	99
48) 2-Nitroaniline	13.25	65	183370	40.924	ng	96
49) Acenaphthylene	13.87	152	1001828	45.704	ng	99
50) Dimethylphthalate	13.63	163	847725	46.418	ng	100
51) 2,6-Dinitrotoluene	13.76	165	161977	40.345	ng	98
52) Acenaphthene	14.22	154	575056	42.928	ng	100
53) 3-Nitroaniline	14.09	138	93944	22.235	ng	94
54) 2,4-Dinitrophenol	14.31	184	96769	43.694	ng	96
55) Dibenzofuran	14.56	168	881729	40.963	ng	98
56) 4-Nitrophenol	14.42	139	218173	68.109	ng	95
57) 2,4-Dinitrotoluene	14.56	165	208140	37.507	ng	91
58) Fluorene	15.21	166	686788	41.311	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.80	232	177514	38.214	ng	96
60) Diethylphthalate	15.00	149	714553	36.255	ng	100
61) 4-Chlorophenyl-phenylether	15.22	204	354392	37.692	ng	97
62) 4-Nitroaniline	15.26	138	124835	31.139	ng	91
63) Azobenzene	15.51	77	701987	39.062	ng	99
65) 4,6-Dinitro-2-methylphenol	15.33	198	91819	31.555	ng	96
66) n-Nitrosodiphenylamine	15.44	169	577850	44.210	ng	99
67) 4-Bromophenyl-phenylether	16.11	248	203350	42.479	ng	99
68) Hexachlorobenzene	16.22	284	221820	42.297	ng	96
69) Atrazine	16.40	200	191947	43.500	ng	99
70) Pentachlorophenol	16.57	266	232216	67.046	ng	97
71) Phenanthrene	16.96	178	943957	43.966	ng	100
72) Anthracene	17.05	178	949441	44.575	ng	99
73) Carbazole	17.33	167	832158	38.064	ng	99
74) Di-n-butylphthalate	17.90	149	1054998	39.111	ng	99
75) Fluoranthene	18.99	202	1021178	40.909	ng	99
77) Benzidine	19.20	184	295962	27.361	ng	99
78) Pyrene	19.36	202	1045702	41.142	ng	99
80) Butylbenzylphthalate	20.28	149	477408	39.483	ng	96
81) Benzo(a)anthracene	21.12	228	1123535	45.090	ng	99
82) 3,3'-Dichlorobenzidine	21.07	252	319364	32.081	ng	98
83) Chrysene	21.17	228	1049804	43.802	ng	99
84) Bis(2-ethylhexyl)phthalate	21.06	149	706567	39.208	ng	99
85) Di-n-octyl phthalate	21.93	149	1290196	43.716	ng	100
86) Indeno(1,2,3-cd)pyrene	25.44	276	1599008	66.976	ng	99
88) Benzo(b)fluoranthene	22.66	252	1252779	43.216	ng	100
89) Benzo(k)fluoranthene	22.70	252	1201852	41.630	ng	99
90) Benzo(a)pyrene	23.21	252	1228927	44.573	ng	99
91) Dibenzo(a,h)anthracene	25.44	278	1375681	53.864	ng	99
92) Benzo(g,h,i)perylene	26.09	276	1330329	55.104	ng	99

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

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