Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090418\
Data File : BM016649.D
Acq On : 04 Sep 2018 16:53
Operator : SJ/JU
Sample : PB112568BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB112568BS

Manual Integrations APPROVED
Sohil
9/5/2018 3:29:32 PM

Quant Time: Sep 04 18:29:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 27 13:01:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	80206	20.00	ng		-0.01
21) Naphthalene-d8	10.80	136	289075	20.00	ng		-0.01
38) Acenaphthene-d10	14.64	164	184101	20.00	ng		0.00
63) Phenanthrene-d10	17.38	188	513634	20.00	ng		0.00
75) Chrysene-d12	21.52	240	598007	20.00	ng		-0.01
86) Perylene-d12	23.80	264	621472	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	435135	106.31	ng		0.00
7) Phenol-d6	7.17	99	514670	95.02	ng		0.00
23) Nitrobenzene-d5	9.18	82	456649	72.13	ng		-0.01
41) 2,4,6-Tribromophenol	16.13	330	481869	93.63	ng		0.00
44) 2-Fluorobiphenyl	13.25	172	1423067	74.30	ng		-0.01
78) Terphenyl-d14	19.97	244	2383170	84.35	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	101590	44.927	ng	#	100
3) Pyridine	3.80	79	197443	41.968	ng	#	83
4) n-Nitrosodimethylamine	3.72	42	111077	52.997	ng	#	67
6) Aniline	7.33	93	178591	29.467	ng	#	87
8) 2-Chlorophenol	7.56	128	201102	41.291	ng		96
9) Benzaldehyde	7.15	77	127275	33.861	ng	#	72
10) Phenol	7.20	94	203449	37.983	ng		77
11) bis(2-Chloroethyl)ether	7.43	93	159280	39.656	ng		97
12) 1,3-Dichlorobenzene	7.87	146	246239	38.134	ng	#	83
13) 1,4-Dichlorobenzene	8.03	146	254629	38.425	ng		97
14) 1,2-Dichlorobenzene	8.34	146	246169	37.812	ng		94
15) Benzyl Alcohol	8.26	79	196568	39.081	ng	#	73
16) 2,2'-oxybis(1-Chloropropan	8.51	45	101766	36.796	ng	#	44
17) 2-Methylphenol	8.46	107	155222	40.018	ng	#	74
18) Hexachloroethane	9.05	117	142057	46.532	ng	#	46
19) n-Nitroso-di-n-propylamine	8.81	70	158894	37.418	ng	#	85
20) 3+4-Methylphenols	8.79	107	193346	36.052	ng	#	77
22) Acetophenone	8.85	105	296829	42.642	ng	#	93
24) Nitrobenzene	9.23	77	274505	43.395	ng	#	87
25) Isophorone	9.74	82	412175	48.711	ng	#	90
26) 2-Nitrophenol	9.93	139	106846	39.509	ng	#	41
27) 2,4-Dimethylphenol	9.99	122	160781	45.621	ng	#	64
28) bis(2-Chloroethoxy)methane	10.22	93	216631	42.888	ng		98
29) 2,4-Dichlorophenol	10.47	162	232126	44.009	ng		95
30) 1,2,4-Trichlorobenzene	10.66	180	396095	49.490	ng		98
31) Naphthalene	10.85	128	614734	44.634	ng		98
32) Benzoic acid	10.18	122	61677	20.917	ng	#	75
33) 4-Chloroaniline	11.00	127	129613	22.362	ng	#	86
34) Hexachlorobutadiene	11.10	225	435781	57.047	ng		97
35) Caprolactam	11.82	113	35950m	28.404	ng		
36) 4-Chloro-3-methylphenol	12.12	107	182238	35.939	ng		90
37) 2-Methylnaphthalene	12.46	142	474574	44.015	ng	#	81
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	612873	58.944	ng	#	100
40) Hexachlorocyclopentadiene	12.77	237	805005	135.058	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	317872	51.124	ng		99
43) 2,4,5-Trichlorophenol	13.17	196	293489	48.323	ng	#	93
45) 1,1'-Biphenyl	13.47	154	657062	40.703	ng		97
46) 2-Chloronaphthalene	13.52	162	541219	41.267	ng		97
47) 2-Nitroaniline	13.76	65	132831	38.025	ng	#	77
48) Acenaphthylene	14.36	152	751761	40.608	ng		98
49) Dimethylphthalate	14.10	163	691913	39.119	ng	#	96
50) 2,6-Dinitrotoluene	14.25	165	140298	40.668	ng	#	63
51) Acenaphthene	14.70	154	442901	38.942	ng		93
52) 3-Nitroaniline	14.59	138	69667	22.194	ng	#	71
53) 2,4-Dinitrophenol	14.82	184	121909	70.613	ng	#	66
54) Dibenzofuran	15.04	168	875116	40.194	ng		91
55) 4-Nitrophenol	14.91	139	111723	55.802	ng	#	79
56) 2,4-Dinitrotoluene	15.05	165	193699	33.671	ng	#	89
57) Fluorene	15.69	166	681831	41.455	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.27	232	290188	49.712	ng	#	100
59) Diethylphthalate	15.45	149	641418	34.780	ng		94
60) 4-Chlorophenyl-phenylether	15.67	204	632022	45.822	ng	#	84
61) 4-Nitroaniline	15.76	138	83826	27.324	ng	#	1
62) Azobenzene	15.97	77	868436	44.211	ng		90
64) 4,6-Dinitro-2-methylphenol	15.82	198	134176	34.380	ng	#	56
65) n-Nitrosodiphenylamine	15.90	169	567910	39.303	ng		97
66) 4-Bromophenyl-phenylether	16.56	248	392110	49.683	ng		93
67) Hexachlorobenzene	16.68	284	420151	45.650	ng		94
68) Atrazine	16.84	200	320247	48.564	ng		91
69) Pentachlorophenol	17.04	266	328336	67.424	ng		99
70) Phenanthrene	17.42	178	1060494	39.947	ng		97
71) Anthracene	17.52	178	1065175	40.406	ng		97
72) Carbazole	17.80	167	706317	29.814	ng		96
73) Di-n-butylphthalate	18.32	149	964655	33.399	ng	#	96
74) Fluoranthene	19.42	202	1503410	38.624	ng		93
76) Benzidine	19.62	184	517941	45.037	ng		98
77) Pyrene	19.79	202	1504025	46.279	ng		99
79) Butylbenzylphthalate	20.65	149	425643	37.943	ng	#	71
80) Benzo(a)anthracene	21.51	228	1539919	43.800	ng		99
81) 3,3'-Dichlorobenzidine	21.44	252	413345	26.412	ng	#	96
82) Chrysene	21.56	228	1405216	41.890	ng		100
83) Bis(2-ethylhexyl)phthalate	21.40	149	585316	35.098	ng	#	92
84) Di-n-octyl phthalate	22.28	149	939684	33.907	ng	#	95
85) Indeno(1,2,3-cd)pyrene	26.11	276	2205001	45.708	ng	#	91
87) Benzo(b)fluoranthene	23.12	252	1617024	45.137	ng	#	90
88) Benzo(k)fluoranthene	23.16	252	1551838	42.573	ng	#	92
89) Benzo(a)pyrene	23.71	252	1560265	44.760	ng	#	94
90) Dibenzo(a,h)anthracene	26.11	278	1880752	48.143	ng	#	86
91) Benzo(g,h,i)perylene	26.82	276	1703095	48.566	ng	#	79

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

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