Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122018\
Data File : BM018345.D
Acq On : 21 Dec 2018 00:12
Operator : JU/SJ
Sample : J6388-04MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MSD

Manual Integrations APPROVED
Sohil
12/21/2018 4:37:03 PM

Quant Time: Dec 21 16:04:08 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	139047	20.00	ng	-0.02
21) Naphthalene-d8	10.26	136	508252	20.00	ng	-0.01
39) Acenaphthene-d10	14.15	164	235747	20.00	ng	-0.01
64) Phenanthrene-d10	16.92	188	445068	20.00	ng	0.00
76) Chrysene-d12	21.14	240	546093	20.00	ng	0.00
87) Perylene-d12	23.31	264	581026	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	1481682	178.01	ng	0.00
7) Phenol-d6	6.71	99	1919820	165.94	ng	0.00
23) Nitrobenzene-d5	8.65	82	1236670	124.81	ng	-0.01
42) 2,4,6-Tribromophenol	15.66	330	474692	137.19	ng	0.00
45) 2-Fluorobiphenyl	12.76	172	2007934	110.32	ng	-0.01
79) Terphenyl-d14	19.57	244	2245585	93.00	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	118337	35.889	ng	99
3) Pyridine	3.51	79	346013	35.671	ng	98
4) n-Nitrosodimethylamine	3.43	42	170859	51.173	ng	98
6) Aniline	6.85	93	153251	10.559	ng	99
8) 2-Chlorophenol	7.07	128	432761	44.004	ng	96
9) Benzaldehyde	6.66	77	169931	24.097	ng	93
10) Phenol	6.74	94	714144	58.286	ng	98
11) bis(2-Chloroethyl)ether	6.94	93	414342	42.550	ng	98
12) 1,3-Dichlorobenzene	7.37	146	442902	40.330	ng	95
13) 1,4-Dichlorobenzene	7.52	146	454436	40.749	ng	97
14) 1,2-Dichlorobenzene	7.83	146	437957	40.738	ng	96
15) Benzyl Alcohol	7.75	79	422614	44.830	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.02	45	322694	36.824	ng	88
17) 2-Methylphenol	7.96	107	363262	44.402	ng	95
18) Hexachloroethane	8.53	117	147195	36.011	ng	97
19) n-Nitroso-di-n-propylamine	8.30	70	355864	41.196	ng	98
20) 3+4-Methylphenols	8.29	107	521301	45.474	ng	96
22) Acetophenone	8.32	105	660789	49.129	ng	100
24) Nitrobenzene	8.69	77	509345	51.445	ng	95
25) Isophorone	9.21	82	867691	52.598	ng	98
26) 2-Nitrophenol	9.39	139	146564	30.182	ng	91
27) 2,4-Dimethylphenol	9.47	122	356494	50.938	ng	98
28) bis(2-Chloroethoxy)methane	9.69	93	511828	47.597	ng	98
29) 2,4-Dichlorophenol	9.93	162	343932	44.323	ng	97
30) 1,2,4-Trichlorobenzene	10.12	180	427897	48.480	ng	94
31) Naphthalene	10.30	128	1194767	48.075	ng	100
32) Benzoic acid	9.65	122	177572m	26.795	ng	
33) 4-Chloroaniline	10.45	127	107635	9.887	ng	97
34) Hexachlorobutadiene	10.57	225	241850	43.325	ng	99
35) Caprolactam	11.27	113	96424m	32.611	ng	
36) 4-Chloro-3-methylphenol	11.59	107	369893	39.672	ng	96
37) 2-Methylnaphthalene	11.93	142	823027	46.960	ng	98
38) 1-Methylnaphthalene	12.15	142	773197	45.211	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.30	216	396727	48.938	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	54554	21.903	ng		97
43) 2,4,6-Trichlorophenol	12.57	196	249321	47.817	ng		96
44) 2,4,5-Trichlorophenol	12.66	196	258607	46.719	ng		96
46) 1,1'-Biphenyl	12.97	154	968107	45.647	ng		99
47) 2-Chloronaphthalene	13.01	162	713674	45.719	ng		97
48) 2-Nitroaniline	13.25	65	253679	52.755	ng		91
49) Acenaphthylene	13.87	152	1280913	54.452	ng		99
50) Dimethylphthalate	13.62	163	1002127	51.131	ng		100
51) 2,6-Dinitrotoluene	13.75	165	159459	37.010	ng		86
52) Acenaphthene	14.22	154	645161	44.877	ng		100
53) 3-Nitroaniline	14.09	138	125188	27.610	ng		92
54) 2,4-Dinitrophenol	14.32	184	4988	2.099	ng	#	81
55) Dibenzofuran	14.56	168	1005586	43.532	ng		99
56) 4-Nitrophenol	14.44	139	250645	72.911	ng		85
57) 2,4-Dinitrotoluene	14.56	165	199953	33.575	ng	#	86
58) Fluorene	15.21	166	833915	46.741	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.80	232	213075	42.742	ng	#	97
60) Diethylphthalate	15.00	149	852324	40.297	ng		99
61) 4-Chlorophenyl-phenylether	15.21	204	401787	39.820	ng		98
62) 4-Nitroaniline	15.27	138	127483	29.632	ng	#	82
63) Azobenzene	15.50	77	859561	44.569	ng		97
65) 4,6-Dinitro-2-methylphenol	15.33	198	6073	1.854	ng	#	41
66) n-Nitrosodiphenylamine	15.43	169	658335	44.731	ng		99
67) 4-Bromophenyl-phenylether	16.11	248	232371	43.110	ng		98
68) Hexachlorobenzene	16.22	284	257469	43.601	ng		96
69) Atrazine	16.41	200	225849	45.455	ng		99
70) Pentachlorophenol	16.57	266	290927	74.598	ng		96
71) Phenanthrene	16.96	178	1644673	68.032	ng		99
72) Anthracene	17.05	178	1309217	54.589	ng		99
73) Carbazole	17.34	167	1023011	41.558	ng		100
74) Di-n-butylphthalate	17.90	149	1301430	42.848	ng		100
75) Fluoranthene	18.99	202	1718915	61.156	ng		99
77) Benzidine	19.20	184	2688	0.194	ng	#	1
78) Pyrene	19.36	202	2062795	63.395	ng		99
80) Butylbenzylphthalate	20.28	149	640324	41.365	ng		92
81) Benzo(a)anthracene	21.13	228	1721699	53.972	ng		97
82) 3,3'-Dichlorobenzidine	21.08	252	38814	3.046	ng	#	79
83) Chrysene	21.18	228	1695189	55.248	ng		100
84) Bis(2-ethylhexyl)phthalate	21.06	149	955690	41.425	ng		98
85) Di-n-octyl phthalate	21.93	149	1736543	45.961	ng		100
86) Indeno(1,2,3-cd)pyrene	25.46	276	2248128	73.554	ng		99
88) Benzo(b)fluoranthene	22.67	252	1704380	52.221	ng		98
89) Benzo(k)fluoranthene	22.71	252	1589092m	48.889	ng		
90) Benzo(a)pyrene	23.22	252	1701925	54.828	ng		99
91) Dibenzo(a,h)anthracene	25.47	278	1790174	62.257	ng	#	86
92) Benzo(g,h,i)perylene	26.11	276	2192777	80.674	ng		99

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

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