Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
Data File : BM018382.D
Acq On : 22 Dec 2018 14:21
Operator : JU/SJ
Sample : J6482-04MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
R20-OSMS

Manual Integrations APPROVED
Sohil
12/26/2018 3:20:28 PM

Quant Time: Dec 24 06:13:19 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	7.47	152	102086	20.00	ng		-0.03
21) Naphthalene-d8	10.24	136	385918	20.00	ng		-0.03
39) Acenaphthene-d10	14.14	164	180797	20.00	ng		-0.02
64) Phenanthrene-d10	16.90	188	345470	20.00	ng		-0.02
76) Chrysene-d12	21.13	240	380777	20.00	ng		-0.01
87) Perylene-d12	23.29	264	424648	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	866498	141.79	ng		0.00
7) Phenol-d6	6.69	99	989338	116.47	ng		-0.01
23) Nitrobenzene-d5	8.64	82	861209	114.47	ng		-0.02
42) 2,4,6-Tribromophenol	15.65	330	336074	126.65	ng		-0.02
45) 2-Fluorobiphenyl	12.74	172	1556405	111.50	ng		-0.03
79) Terphenyl-d14	19.56	244	1727435	102.60	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	84321	34.832	ng	#	62
3) Pyridine	3.51	79	188750	26.503	ng		95
4) n-Nitrosodimethylamine	3.43	42	125211	51.079	ng	#	87
6) Aniline	6.83	93	63423	5.952	ng		98
8) 2-Chlorophenol	7.06	128	278753	38.606	ng		93
9) Benzaldehyde	6.65	77	236782	45.734	ng		86
10) Phenol	6.72	94	305362	33.946	ng		89
11) bis(2-Chloroethyl)ether	6.93	93	272786	38.156	ng		99
12) 1,3-Dichlorobenzene	7.36	146	294194	36.488	ng	#	95
13) 1,4-Dichlorobenzene	7.51	146	299227	36.546	ng		96
14) 1,2-Dichlorobenzene	7.82	146	291893	36.982	ng		96
15) Benzyl Alcohol	7.73	79	288886	41.739	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.00	45	200919	31.229	ng		87
17) 2-Methylphenol	7.95	107	222824	37.097	ng	#	93
18) Hexachloroethane	8.52	117	111451	37.138	ng		91
19) n-Nitroso-di-n-propylamine	8.29	70	254759	40.169	ng		98
20) 3+4-Methylphenols	8.27	107	296853	35.270	ng		94
22) Acetophenone	8.30	105	456653	44.714	ng	#	97
24) Nitrobenzene	8.68	77	371598	49.430	ng		91
25) Isophorone	9.20	82	623148	49.748	ng		97
26) 2-Nitrophenol	9.37	139	132261	35.870	ng	#	78
27) 2,4-Dimethylphenol	9.45	122	237354	44.666	ng		94
28) bis(2-Chloroethoxy)methane	9.68	93	359472	44.026	ng		97
29) 2,4-Dichlorophenol	9.92	162	237238	40.265	ng		96
30) 1,2,4-Trichlorobenzene	10.11	180	282511	42.154	ng		93
31) Naphthalene	10.29	128	833394	44.164	ng		99
32) Benzoic acid	9.65	122	137664	27.358	ng	#	82
33) 4-Chloroaniline	10.44	127	35968	4.351	ng	#	94
34) Hexachlorobutadiene	10.56	225	186165	43.921	ng		99
35) Caprolactam	11.25	113	45396m	20.220	ng		
36) 4-Chloro-3-methylphenol	11.58	107	263288	37.190	ng		94
37) 2-Methylnaphthalene	11.92	142	576652	43.332	ng		95
38) 1-Methylnaphthalene	12.14	142	541836	41.726	ng	#	98
40) 1,2,4,5-Tetrachlorobenzene	12.29	216	299977	48.250	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.26	237	90163	37.858	ng		98
43) 2,4,6-Trichlorophenol	12.56	196	187465	46.881	ng		96
44) 2,4,5-Trichlorophenol	12.64	196	187087	44.071	ng		96
46) 1,1'-Biphenyl	12.96	154	711374	43.736	ng		99
47) 2-Chloronaphthalene	13.00	162	546196	45.625	ng		98
48) 2-Nitroaniline	13.23	65	183804	49.841	ng		84
49) Acenaphthylene	13.86	152	806153	44.685	ng		99
50) Dimethylphthalate	13.61	163	662126	44.051	ng		99
51) 2,6-Dinitrotoluene	13.74	165	126528	38.292	ng	#	83
52) Acenaphthene	14.20	154	472395	42.847	ng		99
53) 3-Nitroaniline	14.08	138	59933	17.236	ng	#	79
54) 2,4-Dinitrophenol	14.31	184	31104	17.064	ng	#	83
55) Dibenzofuran	14.54	168	739275	41.730	ng		97
56) 4-Nitrophenol	14.44	139	146984m	55.752	ng		
57) 2,4-Dinitrotoluene	14.55	165	168553	36.904	ng	#	85
58) Fluorene	15.20	166	591376	43.221	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.79	232	151010	39.499	ng	#	95
60) Diethylphthalate	14.99	149	651585	40.169	ng		98
61) 4-Chlorophenyl-phenylether	15.20	204	316114	40.851	ng		96
62) 4-Nitroaniline	15.26	138	96041	29.108	ng	#	68
63) Azobenzene	15.49	77	671053	45.370	ng		94
65) 4,6-Dinitro-2-methylphenol	15.32	198	27574	10.842	ng		84
66) n-Nitrosodiphenylamine	15.43	169	490215	42.911	ng		99
67) 4-Bromophenyl-phenylether	16.10	248	177328	42.383	ng		97
68) Hexachlorobenzene	16.20	284	191748	41.833	ng		95
69) Atrazine	16.40	200	167523	43.437	ng		100
70) Pentachlorophenol	16.57	266	211602	69.900	ng		99
71) Phenanthrene	16.94	178	811704	43.256	ng		99
72) Anthracene	17.04	178	827111	44.429	ng		100
73) Carbazole	17.33	167	715568	37.449	ng		98
74) Di-n-butylphthalate	17.89	149	985314	41.792	ng		99
75) Fluoranthene	18.98	202	927313	42.504	ng		99
78) Pyrene	19.34	202	950831	41.908	ng		100
80) Butylbenzylphthalate	20.27	149	441377	40.892	ng		89
81) Benzo(a)anthracene	21.11	228	995612	44.760	ng		100
83) Chrysene	21.17	228	925904	43.278	ng		99
84) Bis(2-ethylhexyl)phthalate	21.05	149	652026	40.533	ng		96
85) Di-n-octyl phthalate	21.91	149	1154739	43.831	ng		98
86) Indeno(1,2,3-cd)pyrene	25.43	276	1291283	60.590	ng		96
88) Benzo(b)fluoranthene	22.65	252	1025126	42.976	ng		98
89) Benzo(k)fluoranthene	22.70	252	1047697	44.103	ng		98
90) Benzo(a)pyrene	23.20	252	1033682	45.563	ng		98
91) Dibenzo(a,h)anthracene	25.44	278	1109287	52.784	ng		97
92) Benzo(g,h,i)perylene	26.08	276	1045234	52.616	ng		96

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

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