Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011419\
Data File : BM018557.D
Acq On : 14 Jan 2019 18:35
Operator : JU/SJ
Sample : K1131-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MSD

Manual Integrations APPROVED
Sohil
1/15/2019 12:20:10 PM

Quant Time: Jan 14 23:45:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 10 05:57:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	243247	20.00	ng		-0.01
21) Naphthalene-d8	10.55	136	1068904	20.00	ng		0.00
39) Acenaphthene-d10	14.40	164	651542	20.00	ng		0.00
64) Phenanthrene-d10	17.15	188	1561258	20.00	ng		0.00
76) Chrysene-d12	21.35	240	1763285	20.00	ng		0.00
87) Perylene-d12	23.63	264	1910115	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1646515	124.99	ng		0.00
7) Phenol-d6	6.93	99	2244540	134.15	ng		0.00
23) Nitrobenzene-d5	8.92	82	1331143	72.19	ng		0.00
42) 2,4,6-Tribromophenol	15.90	330	1052035	126.81	ng		0.00
45) 2-Fluorobiphenyl	13.02	172	3541312	70.92	ng		0.00
79) Terphenyl-d14	19.79	244	5940842	71.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	137817	25.668	ng		95
3) Pyridine	3.68	79	408999	30.554	ng		96
4) n-Nitrosodimethylamine	3.60	42	225449	40.729	ng	#	94
6) Aniline	7.09	93	444843	23.834	ng		97
8) 2-Chlorophenol	7.32	128	642472	41.758	ng		96
9) Benzaldehyde	6.90	77	167628	14.659	ng		99
10) Phenol	6.96	94	783779	46.098	ng		98
11) bis(2-Chloroethyl)ether	7.19	93	497299	37.224	ng		96
12) 1,3-Dichlorobenzene	7.64	146	634571	34.633	ng		99
13) 1,4-Dichlorobenzene	7.79	146	647541	34.868	ng		98
14) 1,2-Dichlorobenzene	8.10	146	629691	35.759	ng		99
15) Benzyl Alcohol	8.00	79	537778	44.500	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.28	45	621253	36.388	ng		96
17) 2-Methylphenol	8.20	107	528646	45.806	ng		98
18) Hexachloroethane	8.82	117	230526	34.815	ng		96
19) n-Nitroso-di-n-propylamine	8.56	70	437163	40.148	ng		93
20) 3+4-Methylphenols	8.53	107	730905	45.876	ng		99
22) Acetophenone	8.58	105	882301	33.367	ng	#	98
24) Nitrobenzene	8.96	77	640415	35.299	ng		97
25) Isophorone	9.48	82	1210847	43.367	ng		97
26) 2-Nitrophenol	9.67	139	362438	41.315	ng		95
27) 2,4-Dimethylphenol	9.72	122	592761	45.081	ng		98
28) bis(2-Chloroethoxy)methane	9.96	93	738353	38.280	ng		99
29) 2,4-Dichlorophenol	10.20	162	664933	42.468	ng		95
30) 1,2,4-Trichlorobenzene	10.40	180	658524	33.885	ng		100
31) Naphthalene	10.60	128	1948401	37.849	ng		100
32) Benzoic acid	9.82	122	117166m	17.944	ng		
33) 4-Chloroaniline	10.72	127	348539	17.192	ng		99
34) Hexachlorobutadiene	10.86	225	390968	31.844	ng		100
35) Caprolactam	11.52	113	217238m	40.809	ng		
36) 4-Chloro-3-methylphenol	11.85	107	711499	43.314	ng		99
37) 2-Methylnaphthalene	12.21	142	1495274	41.111	ng		100
38) 1-Methylnaphthalene	12.43	142	1430006	40.634	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.58	216	777000	34.103	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.55	237	835977	66.854	ng		99
43) 2,4,6-Trichlorophenol	12.83	196	567095	40.987	ng		100
44) 2,4,5-Trichlorophenol	12.90	196	609652	41.897	ng		97
46) 1,1'-Biphenyl	13.23	154	1951986	34.312	ng		98
47) 2-Chloronaphthalene	13.27	162	1512290	34.280	ng		99
48) 2-Nitroaniline	13.49	65	438739	40.424	ng		94
49) Acenaphthylene	14.13	152	2524791	39.272	ng		100
50) Dimethylphthalate	13.87	163	3050741	57.013	ng		99
51) 2,6-Dinitrotoluene	13.99	165	449720	39.677	ng		94
52) Acenaphthene	14.47	154	1449311	36.844	ng		98
53) 3-Nitroaniline	14.32	138	293883	25.718	ng		98
54) 2,4-Dinitrophenol	14.53	184	349051	58.967	ng		94
55) Dibenzofuran	14.80	168	2362926	36.355	ng		99
56) 4-Nitrophenol	14.65	139	847062	85.806	ng		94
57) 2,4-Dinitrotoluene	14.78	165	640346	39.929	ng		96
58) Fluorene	15.45	166	1953744	40.353	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.03	232	556091	43.115	ng		98
60) Diethylphthalate	15.23	149	2087905	38.652	ng		99
61) 4-Chlorophenyl-phenylether	15.45	204	979900	35.115	ng		98
62) 4-Nitroaniline	15.49	138	464850	37.295	ng		99
63) Azobenzene	15.74	77	1645378	37.359	ng		98
65) 4,6-Dinitro-2-methylphenol	15.54	198	353783	36.950	ng		87
66) n-Nitrosodiphenylamine	15.67	169	1743428	35.999	ng		100
67) 4-Bromophenyl-phenylether	16.34	248	615524	35.230	ng		98
68) Hexachlorobenzene	16.44	284	678589	34.694	ng		99
69) Atrazine	16.62	200	669767	38.255	ng		98
70) Pentachlorophenol	16.80	266	874057	68.234	ng		99
71) Phenanthrene	17.20	178	3170118	38.174	ng		100
72) Anthracene	17.29	178	3251785	40.721	ng		100
73) Carbazole	17.56	167	2976794	36.284	ng		100
74) Di-n-butylphthalate	18.12	149	3660411	40.731	ng		99
75) Fluoranthene	19.22	202	3874229	40.465	ng		98
77) Benzidine	19.41	184	1777366	40.823	ng		100
78) Pyrene	19.58	202	3995117	38.224	ng		100
80) Butylbenzylphthalate	20.48	149	1790420	40.145	ng		98
81) Benzo(a)anthracene	21.33	228	4064458	39.127	ng		100
82) 3,3'-Dichlorobenzidine	21.27	252	900148	22.916	ng		100
83) Chrysene	21.39	228	3812332	38.006	ng		100
84) Bis(2-ethylhexyl)phthalate	21.25	149	2585293	40.143	ng		99
85) Di-n-octyl phthalate	22.14	149	4607253	42.535	ng	#	95
86) Indeno(1,2,3-cd)pyrene	25.96	276	4964603	42.921	ng		96
88) Benzo(b)fluoranthene	22.94	252	4162531	38.385	ng		98
89) Benzo(k)fluoranthene	22.99	252	4105382	37.566	ng		98
90) Benzo(a)pyrene	23.53	252	4114507	39.632	ng	#	97
91) Dibenzo(a,h)anthracene	25.97	278	4163789	39.583	ng		98
92) Benzo(g,h,i)perylene	26.67	276	4102944	40.081	ng		96

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

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