Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018593.D
Acq On : 16 Jan 2019 21:02
Operator : JU/SJ
Sample : K1147-16MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-6MSD

Manual Integrations APPROVED
Sohil
1/17/2019 12:17:36 PM

Quant Time: Jan 17 01:32:41 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	325851	20.00	ng		-0.02
21) Naphthalene-d8	10.54	136	1372499	20.00	ng		-0.01
39) Acenaphthene-d10	14.40	164	820001	20.00	ng		-0.01
64) Phenanthrene-d10	17.14	188	1894052	20.00	ng		-0.01
76) Chrysene-d12	21.34	240	1964632	20.00	ng		-0.01
87) Perylene-d12	23.61	264	1631399	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1891912	107.21	ng		-0.01
7) Phenol-d6	6.93	99	2534342	113.07	ng		0.00
23) Nitrobenzene-d5	8.92	82	1528411	64.56	ng		0.00
42) 2,4,6-Tribromophenol	15.89	330	1201860	115.11	ng		-0.01
45) 2-Fluorobiphenyl	13.01	172	4104974	65.32	ng		-0.01
79) Terphenyl-d14	19.78	244	6621120	71.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	157133	21.847	ng		97
3) Pyridine	3.67	79	331686	18.497	ng		96
4) n-Nitrosodimethylamine	3.59	42	253756	34.222	ng	#	95
6) Aniline	7.09	93	542504	21.698	ng		99
8) 2-Chlorophenol	7.32	128	763543	37.047	ng		94
9) Benzaldehyde	6.90	77	186670	11.962	ng		98
10) Phenol	6.95	94	974430	42.783	ng		98
11) bis(2-Chloroethyl)ether	7.18	93	593725	33.176	ng		96
12) 1,3-Dichlorobenzene	7.63	146	770223	31.380	ng		98
13) 1,4-Dichlorobenzene	7.78	146	789103	31.720	ng		100
14) 1,2-Dichlorobenzene	8.09	146	766144	32.478	ng		99
15) Benzyl Alcohol	7.99	79	614873	37.982	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.27	45	740548	32.380	ng		95
17) 2-Methylphenol	8.19	107	611800	39.572	ng		100
18) Hexachloroethane	8.82	117	277906	31.331	ng		93
19) n-Nitroso-di-n-propylamine	8.56	70	496774	34.058	ng		92
20) 3+4-Methylphenols	8.52	107	824712	38.642	ng		98
22) Acetophenone	8.57	105	1026375	30.230	ng	#	97
24) Nitrobenzene	8.96	77	751811	32.273	ng		98
25) Isophorone	9.47	82	1379003	38.464	ng		97
26) 2-Nitrophenol	9.66	139	426375	37.853	ng		96
27) 2,4-Dimethylphenol	9.72	122	699175	41.412	ng		99
28) bis(2-Chloroethoxy)methane	9.96	93	854737	34.511	ng		98
29) 2,4-Dichlorophenol	10.19	162	769711	38.286	ng		97
30) 1,2,4-Trichlorobenzene	10.40	180	794646	31.845	ng		99
31) Naphthalene	10.59	128	2320657	35.108	ng		99
32) Benzoic acid	9.86	122	438587m	39.858	ng		
33) 4-Chloroaniline	10.71	127	397253	15.260	ng		98
34) Hexachlorobutadiene	10.86	225	487395	30.917	ng		98
35) Caprolactam	11.53	113	235811m	34.499	ng		
36) 4-Chloro-3-methylphenol	11.84	107	796387	37.758	ng		100
37) 2-Methylnaphthalene	12.20	142	1764527	37.783	ng		100
38) 1-Methylnaphthalene	12.43	142	1674686	37.061	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.57	216	933369	32.550	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.54	237	610993	38.824	ng		99
43) 2,4,6-Trichlorophenol	12.82	196	646538	37.129	ng		100
44) 2,4,5-Trichlorophenol	12.89	196	696013	38.005	ng		99
46) 1,1'-Biphenyl	13.23	154	2259843	31.563	ng		99
47) 2-Chloronaphthalene	13.27	162	1778923	32.040	ng		100
48) 2-Nitroaniline	13.49	65	477654	34.968	ng		91
49) Acenaphthylene	14.12	152	2882938	35.630	ng		100
50) Dimethylphthalate	13.86	163	2769712	41.128	ng		99
51) 2,6-Dinitrotoluene	13.99	165	501289	35.141	ng		90
52) Acenaphthene	14.46	154	1662900	33.589	ng		98
53) 3-Nitroaniline	14.32	138	350243	24.354	ng		95
54) 2,4-Dinitrophenol	14.53	184	461135	61.540	ng	#	88
55) Dibenzofuran	14.80	168	2689928	32.884	ng		99
56) 4-Nitrophenol	14.64	139	925199	74.467	ng		95
57) 2,4-Dinitrotoluene	14.77	165	710233	35.189	ng		97
58) Fluorene	15.44	166	2201267	36.125	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.02	232	641331	39.508	ng		96
60) Diethylphthalate	15.23	149	2329457	34.264	ng		99
61) 4-Chlorophenyl-phenylether	15.44	204	1126063	32.063	ng		99
62) 4-Nitroaniline	15.49	138	499284	31.829	ng		96
63) Azobenzene	15.74	77	1843919	33.266	ng		95
65) 4,6-Dinitro-2-methylphenol	15.53	198	331544	29.770	ng		88
66) n-Nitrosodiphenylamine	15.66	169	1946533	33.131	ng		99
67) 4-Bromophenyl-phenylether	16.34	248	700156	33.033	ng		97
68) Hexachlorobenzene	16.44	284	769912	32.447	ng		99
69) Atrazine	16.62	200	724205	34.096	ng		98
70) Pentachlorophenol	16.79	266	1003696	64.588	ng		99
71) Phenanthrene	17.19	178	3513667	34.877	ng		99
72) Anthracene	17.28	178	3621922	37.387	ng		100
73) Carbazole	17.56	167	3310023	33.257	ng		99
74) Di-n-butylphthalate	18.11	149	4084690	37.466	ng		99
75) Fluoranthene	19.21	202	4256425	36.646	ng		98
77) Benzidine	19.40	184	1598938	32.961	ng		100
78) Pyrene	19.57	202	4364159	37.476	ng		100
80) Butylbenzylphthalate	20.47	149	2013479	40.519	ng		95
81) Benzo(a)anthracene	21.32	228	4182445	36.137	ng		100
82) 3,3'-Dichlorobenzidine	21.26	252	1130272	25.825	ng		99
83) Chrysene	21.37	228	3866212	34.593	ng		99
84) Bis(2-ethylhexyl)phthalate	21.24	149	2893709	40.327	ng		99
85) Di-n-octyl phthalate	22.13	149	5000611	41.435	ng	#	94
86) Indeno(1,2,3-cd)pyrene	25.93	276	3402098	26.398	ng		96
88) Benzo(b)fluoranthene	22.93	252	3511320	37.912	ng		99
89) Benzo(k)fluoranthene	22.97	252	3443231	36.890	ng		98
90) Benzo(a)pyrene	23.51	252	3215240	36.261	ng		98
91) Dibenzo(a,h)anthracene	25.94	278	2874697	31.997	ng		98
92) Benzo(g,h,i)perylene	26.64	276	2776457	31.757	ng		97

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

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