Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
Data File : BM018314.D
Acq On : 20 Dec 2018 01:49
Operator : JU/SJ
Sample : J6378-18MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01MS

Manual Integrations APPROVED
Sohil
12/20/2018 2:55:16 PM

Quant Time: Dec 20 13:49:19 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	7.49	152	123444	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	449002	20.00	ng	-0.02
39) Acenaphthene-d10	14.14	164	212973	20.00	ng	-0.02
64) Phenanthrene-d10	16.90	188	399641	20.00	ng	-0.02
76) Chrysene-d12	21.13	240	460205	20.00	ng	-0.02
87) Perylene-d12	23.29	264	533201	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	918951	124.36	ng	0.00
7) Phenol-d6	6.69	99	1181928	115.07	ng	-0.01
23) Nitrobenzene-d5	8.65	82	764552	87.34	ng	-0.02
42) 2,4,6-Tribromophenol	15.66	330	322066	103.03	ng	-0.01
45) 2-Fluorobiphenyl	12.75	172	1186127	72.14	ng	-0.02
79) Terphenyl-d14	19.56	244	1216457	59.78	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	84439	28.845	ng	98
3) Pyridine	3.50	79	242147	28.118	ng	99
4) n-Nitrosodimethylamine	3.42	42	106451	35.913	ng	98
6) Aniline	6.83	93	155869	12.097	ng	98
8) 2-Chlorophenol	7.06	128	261363	29.935	ng	95
9) Benzaldehyde	6.65	77	87341	13.951	ng	94
10) Phenol	6.72	94	398388	36.625	ng	97
11) bis(2-Chloroethyl)ether	6.93	93	246925	28.563	ng	97
12) 1,3-Dichlorobenzene	7.37	146	273747	28.078	ng	96
13) 1,4-Dichlorobenzene	7.52	146	282153	28.499	ng	96
14) 1,2-Dichlorobenzene	7.83	146	268804	28.164	ng	99
15) Benzyl Alcohol	7.74	79	233572	27.908	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.01	45	202429	26.020	ng	95
17) 2-Methylphenol	7.95	107	208451	28.700	ng	94
18) Hexachloroethane	8.53	117	94020	25.909	ng	93
19) n-Nitroso-di-n-propylamine	8.29	70	207654	27.077	ng	97
20) 3+4-Methylphenols	8.27	107	279713	27.484	ng	98
22) Acetophenone	8.31	105	383552	32.280	ng	98
24) Nitrobenzene	8.69	77	309956	35.438	ng	97
25) Isophorone	9.20	82	515719	35.387	ng	100
26) 2-Nitrophenol	9.39	139	129238	30.126	ng	96
27) 2,4-Dimethylphenol	9.46	122	208420	33.710	ng	92
28) bis(2-Chloroethoxy)methane	9.69	93	309953	32.628	ng	98
29) 2,4-Dichlorophenol	9.92	162	211687	30.881	ng	99
30) 1,2,4-Trichlorobenzene	10.12	180	240389	30.829	ng	94
31) Naphthalene	10.30	128	708879	32.288	ng	100
32) Benzoic acid	9.57	122	8404m	1.435	ng	
33) 4-Chloroaniline	10.45	127	79893	8.307	ng	96
34) Hexachlorobutadiene	10.57	225	145161	29.436	ng	99
35) Caprolactam	11.23	113	60655m	23.221	ng	
36) 4-Chloro-3-methylphenol	11.57	107	230252	27.954	ng	96
37) 2-Methylnaphthalene	11.92	142	485740	31.372	ng	99
38) 1-Methylnaphthalene	12.14	142	458832	30.370	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.30	216	243472	33.245	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	99424	35.956	ng		99
43) 2,4,6-Trichlorophenol	12.56	196	160026	33.973	ng		97
44) 2,4,5-Trichlorophenol	12.64	196	165103	33.016	ng		98
46) 1,1'-Biphenyl	12.96	154	582764	30.416	ng		99
47) 2-Chloronaphthalene	13.00	162	447737	31.750	ng		99
48) 2-Nitroaniline	13.24	65	142407	32.782	ng		89
49) Acenaphthylene	13.86	152	698322	32.860	ng		100
50) Dimethylphthalate	13.62	163	623802	35.231	ng		99
51) 2,6-Dinitrotoluene	13.74	165	117384	30.158	ng		90
52) Acenaphthene	14.21	154	399192	30.737	ng		100
53) 3-Nitroaniline	14.08	138	82367	20.109	ng		93
54) 2,4-Dinitrophenol	14.31	184	46984	21.882	ng		98
55) Dibenzofuran	14.54	168	622973	29.852	ng		96
56) 4-Nitrophenol	14.42	139	161533	52.013	ng		88
57) 2,4-Dinitrotoluene	14.55	165	153914	28.608	ng		93
58) Fluorene	15.20	166	486833	30.205	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.79	232	137001	30.420	ng	#	97
60) Diethylphthalate	14.99	149	532852	27.887	ng		99
61) 4-Chlorophenyl-phenylether	15.20	204	252033	27.649	ng		98
62) 4-Nitroaniline	15.26	138	89621	23.059	ng		86
63) Azobenzene	15.50	77	531774	30.522	ng		97
65) 4,6-Dinitro-2-methylphenol	15.32	198	47910	16.285	ng		94
66) n-Nitrosodiphenylamine	15.43	169	425075	32.165	ng		99
67) 4-Bromophenyl-phenylether	16.10	248	147556	30.487	ng		99
68) Hexachlorobenzene	16.21	284	160842	30.334	ng		98
69) Atrazine	16.40	200	144772	32.449	ng		98
70) Pentachlorophenol	16.56	266	179704	51.317	ng		99
71) Phenanthrene	16.95	178	688457	31.715	ng		99
72) Anthracene	17.04	178	693202	32.189	ng		100
73) Carbazole	17.33	167	626518	28.344	ng		99
74) Di-n-butylphthalate	17.89	149	781407	28.651	ng		99
75) Fluoranthene	18.98	202	796753	31.569	ng		99
77) Benzidine	19.19	184	167799	14.379	ng		98
78) Pyrene	19.34	202	814432	29.701	ng		100
80) Butylbenzylphthalate	20.27	149	355575	27.257	ng		94
81) Benzo(a)anthracene	21.11	228	871524	32.419	ng		99
82) 3,3'-Dichlorobenzidine	21.06	252	274820	25.589	ng		99
83) Chrysene	21.16	228	825126	31.911	ng		99
84) Bis(2-ethylhexyl)phthalate	21.05	149	526167	27.063	ng		99
85) Di-n-octyl phthalate	21.91	149	963335	30.255	ng		99
86) Indeno(1,2,3-cd)pyrene	25.42	276	1161487	45.094	ng		98
88) Benzo(b)fluoranthene	22.64	252	977982	32.653	ng		99
89) Benzo(k)fluoranthene	22.69	252	921334	30.888	ng		98
90) Benzo(a)pyrene	23.20	252	930717	32.672	ng		98
91) Dibenzo(a,h)anthracene	25.43	278	977759	37.054	ng		99
92) Benzo(g,h,i)perylene	26.06	276	967388	38.783	ng		97

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

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