Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041819\
Data File : BM019959.D
Acq On : 18 Apr 2019 18:30
Operator : JU/SJ
Sample : PB119018BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB119018BSD

Manual Integrations APPROVED
Sohil
4/22/2019 2:53:23 AM

Quant Time: Apr 19 01:05:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 19 00:56:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	90227	20.00	ng		0.00
21) Naphthalene-d8	10.29	136	368288	20.00	ng		0.00
39) Acenaphthene-d10	14.18	164	195378	20.00	ng		0.00
64) Phenanthrene-d10	16.94	188	415110	20.00	ng		0.00
76) Chrysene-d12	21.16	240	477469	20.00	ng		0.00
87) Perylene-d12	23.35	264	472909	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	807197	144.99	ng		0.00
7) Phenol-d6	6.71	99	1056085	126.04	ng		0.00
23) Nitrobenzene-d5	8.69	82	615379	74.73	ng		0.00
42) 2,4,6-Tribromophenol	15.69	330	387638	123.25	ng		0.00
45) 2-Fluorobiphenyl	12.78	172	1190807	75.96	ng		0.00
79) Terphenyl-d14	19.59	244	1803027	66.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	141490	58.893	ng		99
3) Pyridine	3.50	79	239996	35.670	ng		100
4) n-Nitrosodimethylamine	3.42	42	90239	41.634	ng		95
6) Aniline	6.86	93	301836	27.891	ng		98
8) 2-Chlorophenol	7.08	128	282004	40.726	ng		98
9) Benzaldehyde	6.69	77	69689	11.612	ng		97
10) Phenol	6.73	94	370761	40.501	ng		95
11) bis(2-Chloroethyl)ether	6.96	93	258138	38.540	ng		99
12) 1,3-Dichlorobenzene	7.39	146	290512	39.964	ng		99
13) 1,4-Dichlorobenzene	7.55	146	297119	40.284	ng		99
14) 1,2-Dichlorobenzene	7.85	146	286627	39.194	ng		96
15) Benzyl Alcohol	7.77	79	279484	36.691	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.04	45	238584	37.367	ng		98
17) 2-Methylphenol	7.97	107	233380	38.520	ng		99
18) Hexachloroethane	8.56	117	115095	40.145	ng		98
19) n-Nitroso-di-n-propylamine	8.33	70	242801	32.966	ng		99
20) 3+4-Methylphenols	8.30	107	304823	36.625	ng		99
22) Acetophenone	8.35	105	418048	41.675	ng	#	99
24) Nitrobenzene	8.73	77	361088	42.326	ng		98
25) Isophorone	9.24	82	605844	37.792	ng		100
26) 2-Nitrophenol	9.43	139	142855	39.295	ng		99
27) 2,4-Dimethylphenol	9.49	122	240853	46.856	ng		99
28) bis(2-Chloroethoxy)methane	9.72	93	344171	38.341	ng		100
29) 2,4-Dichlorophenol	9.96	162	240519	41.199	ng		99
30) 1,2,4-Trichlorobenzene	10.15	180	263615	41.954	ng		99
31) Naphthalene	10.34	128	815455	41.281	ng		99
32) Benzoic acid	9.67	122	161993	34.992	ng		97
33) 4-Chloroaniline	10.49	127	194116	23.854	ng		99
34) Hexachlorobutadiene	10.59	225	151026	40.754	ng		99
35) Caprolactam	11.33	113	76227m	34.495	ng		
36) 4-Chloro-3-methylphenol	11.62	107	270148	37.242	ng		99
37) 2-Methylnaphthalene	11.96	142	568363	39.520	ng		98
38) 1-Methylnaphthalene	12.19	142	544951	38.377	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.34	216	265095	43.982	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.29	237	168419	79.082 ng	100
43) 2,4,6-Trichlorophenol	12.60	196	182995	44.782 ng	98
44) 2,4,5-Trichlorophenol	12.69	196	188874	44.409 ng	98
46) 1,1'-Biphenyl	13.00	154	722552	42.698 ng	98
47) 2-Chloronaphthalene	13.04	162	558498	43.268 ng	99
48) 2-Nitroaniline	13.29	65	191193	41.093 ng	98
49) Acenaphthylene	13.90	152	891596	39.699 ng	99
50) Dimethylphthalate	13.65	163	699178	40.571 ng	100
51) 2,6-Dinitrotoluene	13.79	165	152480	40.012 ng	90
52) Acenaphthene	14.24	154	518891	41.670 ng	98
53) 3-Nitroaniline	14.14	138	105496	27.724 ng	98
54) 2,4-Dinitrophenol	14.36	184	163062	72.435 ng	98
55) Dibenzofuran	14.59	168	835177	41.015 ng	98
56) 4-Nitrophenol	14.47	139	206218	69.510 ng	98
57) 2,4-Dinitrotoluene	14.60	165	210563	38.439 ng	96
58) Fluorene	15.24	166	678993	39.352 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.82	232	165296	42.595 ng	99
60) Diethylphthalate	15.02	149	715977	39.946 ng	99
61) 4-Chlorophenyl-phenylether	15.23	204	326811	39.339 ng	94
62) 4-Nitroaniline	15.32	138	132520	35.347 ng	97
63) Azobenzene	15.53	77	785735	41.016 ng	98
65) 4,6-Dinitro-2-methylphenol	15.37	198	101155	38.193 ng	97
66) n-Nitrosodiphenylamine	15.46	169	565264	41.652 ng	99
67) 4-Bromophenyl-phenylether	16.13	248	193510	40.546 ng	97
68) Hexachlorobenzene	16.24	284	235626	41.146 ng	100
69) Atrazine	16.43	200	190183	41.281 ng	98
70) Pentachlorophenol	16.60	266	247183	84.480 ng	97
71) Phenanthrene	16.99	178	1006580	40.862 ng	99
72) Anthracene	17.08	178	1014909	41.389 ng	100
73) Carbazole	17.37	167	928994	40.578 ng	99
74) Di-n-butylphthalate	17.91	149	1203290	40.021 ng	100
75) Fluoranthene	19.02	202	1161460	40.970 ng	99
77) Benzidine	19.24	184	346162	26.276 ng	99
78) Pyrene	19.39	202	1194972	37.792 ng	100
80) Butylbenzylphthalate	20.29	149	590962	38.550 ng	99
81) Benzo(a)anthracene	21.14	228	1182296	39.089 ng	99
82) 3,3'-Dichlorobenzidine	21.09	252	404348	35.931 ng	99
83) Chrysene	21.20	228	1166206	40.205 ng	100
84) Bis(2-ethylhexyl)phthalate	21.06	149	853392	37.393 ng	99
85) Di-n-octyl phthalate	21.93	149	1529193	41.295 ng	99
86) Indeno(1,2,3-cd)pyrene	25.55	276	1841487	64.536 ng	100
88) Benzo(b)fluoranthene	22.69	252	1384357	44.085 ng	99
89) Benzo(k)fluoranthene	22.74	252	1390293	47.028 ng	99
90) Benzo(a)pyrene	23.26	252	1363225	48.995 ng	100
91) Dibenzo(a,h)anthracene	25.56	278	1581326	58.948 ng	100
92) Benzo(g,h,i)perylene	26.23	276	1518298	62.489 ng	99

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

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