Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021919\
Data File : BM018854.D
Acq On : 19 Feb 2019 13:32
Operator : JU/SJ
Sample : PB117208BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB117208BS

Manual Integrations APPROVED
Sohil
2/20/2019 10:18:37 AM

Quant Time: Feb 19 17:14:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 11 16:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	290370	20.00	ng		-0.01
21) Naphthalene-d8	10.49	136	1223117	20.00	ng		-0.01
39) Acenaphthene-d10	14.36	164	700799	20.00	ng		0.00
64) Phenanthrene-d10	17.10	188	1503920	20.00	ng		-0.01
76) Chrysene-d12	21.30	240	1352237	20.00	ng		-0.01
87) Perylene-d12	23.55	264	1051008	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	2863978	161.61	ng		0.00
7) Phenol-d6	6.89	99	3910213	156.62	ng		0.00
23) Nitrobenzene-d5	8.87	82	2131340	80.57	ng		-0.01
42) 2,4,6-Tribromophenol	15.86	330	1470745	145.59	ng		0.00
45) 2-Fluorobiphenyl	12.97	172	4143832	78.49	ng		-0.01
79) Terphenyl-d14	19.74	244	6539566	99.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	286687	37.142	ng		98
3) Pyridine	3.65	79	815304	38.724	ng		99
4) n-Nitrosodimethylamine	3.56	42	262455	49.000	ng		91
6) Aniline	7.05	93	1012048	33.085	ng		99
8) 2-Chlorophenol	7.27	128	885530	45.512	ng		99
9) Benzaldehyde	6.86	77	358721	23.278	ng		99
10) Phenol	6.91	94	1205826	45.903	ng		99
11) bis(2-Chloroethyl)ether	7.15	93	823081	41.075	ng		99
12) 1,3-Dichlorobenzene	7.59	146	874766	39.983	ng		99
13) 1,4-Dichlorobenzene	7.74	146	894538	40.162	ng		99
14) 1,2-Dichlorobenzene	8.05	146	860940	40.240	ng		98
15) Benzyl Alcohol	7.96	79	859733	43.339	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.22	45	827649	42.675	ng		97
17) 2-Methylphenol	8.15	107	758526	45.368	ng		98
18) Hexachloroethane	8.77	117	329836	40.566	ng		97
19) n-Nitroso-di-n-propylamine	8.52	70	781964	40.452	ng		99
20) 3+4-Methylphenols	8.48	107	1029962	44.612	ng		99
22) Acetophenone	8.53	105	1305965	38.881	ng	#	98
24) Nitrobenzene	8.92	77	1134097	41.304	ng		100
25) Isophorone	9.43	82	1940643	45.979	ng		100
26) 2-Nitrophenol	9.62	139	457562	41.845	ng		97
27) 2,4-Dimethylphenol	9.67	122	782138	48.973	ng		98
28) bis(2-Chloroethoxy)methane	9.92	93	1161190	42.544	ng		100
29) 2,4-Dichlorophenol	10.15	162	812298	44.296	ng		99
30) 1,2,4-Trichlorobenzene	10.35	180	832656	39.317	ng		98
31) Naphthalene	10.55	128	2591599	43.445	ng		99
32) Benzoic acid	9.83	122	511513	36.717	ng		97
33) 4-Chloroaniline	10.67	127	492602	18.473	ng		99
34) Hexachlorobutadiene	10.80	225	450789	36.672	ng		98
35) Caprolactam	11.49	113	258647m	34.560	ng		
36) 4-Chloro-3-methylphenol	11.79	107	937156	42.387	ng		99
37) 2-Methylnaphthalene	12.16	142	1882586	44.825	ng		98
38) 1-Methylnaphthalene	12.38	142	1801559	43.866	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.53	216	879957	39.252	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	995932	86.893 ng	98
43) 2,4,6-Trichlorophenol	12.78	196	630807	42.505 ng	99
44) 2,4,5-Trichlorophenol	12.84	196	667257	42.897 ng	96
46) 1,1'-Biphenyl	13.19	154	2404007	39.852 ng	99
47) 2-Chloronaphthalene	13.23	162	1871095	40.158 ng	99
48) 2-Nitroaniline	13.45	65	653618	42.239 ng	98
49) Acenaphthylene	14.08	152	3030009	43.674 ng	99
50) Dimethylphthalate	13.82	163	2344356	40.140 ng	99
51) 2,6-Dinitrotoluene	13.95	165	524789	41.480 ng	98
52) Acenaphthene	14.42	154	1738002	40.855 ng	100
53) 3-Nitroaniline	14.28	138	365034	25.536 ng	95
54) 2,4-Dinitrophenol	14.49	184	520608	65.941 ng	98
55) Dibenzofuran	14.76	168	2817589	40.296 ng	99
56) 4-Nitrophenol	14.59	139	875617	76.732 ng	98
57) 2,4-Dinitrotoluene	14.74	165	723538	41.507 ng	98
58) Fluorene	15.41	166	2287916	42.771 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.98	232	584779	42.532 ng	97
60) Diethylphthalate	15.19	149	2408289	39.974 ng	100
61) 4-Chlorophenyl-phenylether	15.40	204	1130177	37.682 ng	99
62) 4-Nitroaniline	15.45	138	488812	34.879 ng	98
63) Azobenzene	15.70	77	2656696	41.127 ng	100
65) 4,6-Dinitro-2-methylphenol	15.50	198	363509	34.426 ng	99
66) n-Nitrosodiphenylamine	15.62	169	1982386	41.721 ng	99
67) 4-Bromophenyl-phenylether	16.30	248	666230	39.577 ng	97
68) Hexachlorobenzene	16.40	284	767973	39.249 ng	97
69) Atrazine	16.58	200	671394	43.830 ng	98
70) Pentachlorophenol	16.75	266	948555	75.290 ng	99
71) Phenanthrene	17.15	178	3473428	42.976 ng	100
72) Anthracene	17.24	178	3502904	44.528 ng	99
73) Carbazole	17.52	167	3129826	38.081 ng	99
74) Di-n-butylphthalate	18.07	149	4019708	42.526 ng	100
75) Fluoranthene	19.17	202	3775792	40.443 ng	98
77) Benzidine	19.37	184	1168882	38.382 ng	100
78) Pyrene	19.53	202	3859415	49.142 ng	100
80) Butylbenzylphthalate	20.44	149	1766838	49.364 ng	99
81) Benzo(a)anthracene	21.29	228	3446236	43.720 ng	99
82) 3,3'-Dichlorobenzidine	21.22	252	954390	30.636 ng	98
83) Chrysene	21.34	228	3230357	42.757 ng	100
84) Bis(2-ethylhexyl)phthalate	21.20	149	2503864	47.797 ng	98
85) Di-n-octyl phthalate	22.09	149	4158082	47.227 ng	100
86) Indeno(1,2,3-cd)pyrene	25.84	276	3256922	37.338 ng	99
88) Benzo(b)fluoranthene	22.87	252	3026078	50.324 ng	99
89) Benzo(k)fluoranthene	22.91	252	3085248	51.536 ng	99
90) Benzo(a)pyrene	23.46	252	2858540	50.181 ng	98
91) Dibenzo(a,h)anthracene	25.84	278	2794597	49.517 ng	99
92) Benzo(g,h,i)perylene	26.53	276	2646354	50.367 ng	99

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

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