Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040919\
Data File : BN005115.D
Acq On : 09 Apr 2019 16:40
Operator : JU/SJ
Sample : PB118726BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB118726BS

Manual Integrations APPROVED
Sohil
4/10/2019 6:21:24 PM

Quant Time: Apr 10 01:39:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN032619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 27 05:27:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	10776	20.00	ng		-0.02
21) Naphthalene-d8	10.43	136	45869	20.00	ng		-0.03
39) Acenaphthene-d10	14.30	164	25296	20.00	ng		-0.02
64) Phenanthrene-d10	17.05	188	53743	20.00	ng		-0.02
76) Chrysene-d12	21.26	240	53445	20.00	ng		-0.02
87) Perylene-d12	23.49	264	45872	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	86038	138.04	ng		-0.02
7) Phenol-d6	6.84	99	106783	129.17	ng		-0.02
23) Nitrobenzene-d5	8.82	82	56080	73.96	ng		-0.02
42) 2,4,6-Tribromophenol	15.80	330	55868	136.94	ng		-0.02
45) 2-Fluorobiphenyl	12.92	172	151166	79.19	ng		-0.02
79) Terphenyl-d14	19.69	244	220397	79.39	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	8994	39.597	ng	#	96
3) Pyridine	3.57	79	16887	26.604	ng		98
4) n-Nitrosodimethylamine	3.50	42	7309	35.321	ng		100
6) Aniline	6.99	93	36056	34.250	ng		99
8) 2-Chlorophenol	7.22	128	33740	42.643	ng		98
9) Benzaldehyde	6.80	77	4913	10.342	ng		98
10) Phenol	6.86	94	37101	41.882	ng		99
11) bis(2-Chloroethyl)ether	7.09	93	26710	38.991	ng		99
12) 1,3-Dichlorobenzene	7.54	146	32696	37.928	ng		99
13) 1,4-Dichlorobenzene	7.69	146	33785	38.718	ng		99
14) 1,2-Dichlorobenzene	8.00	146	33285	39.858	ng		99
15) Benzyl Alcohol	7.90	79	24750	39.352	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.18	45	29603	35.819	ng		97
17) 2-Methylphenol	8.10	107	26369	42.699	ng		97
18) Hexachloroethane	8.71	117	11581	37.444	ng		99
19) n-Nitroso-di-n-propylamine	8.46	70	20153	37.186	ng		97
20) 3+4-Methylphenols	8.43	107	35150	41.921	ng		99
22) Acetophenone	8.48	105	43730	41.764	ng	#	98
24) Nitrobenzene	8.86	77	29977	39.063	ng		97
25) Isophorone	9.38	82	56371	38.161	ng		98
26) 2-Nitrophenol	9.56	139	18063	40.538	ng		97
27) 2,4-Dimethylphenol	9.62	122	29743	47.945	ng		100
28) bis(2-Chloroethoxy)methane	9.86	93	36502	39.882	ng		100
29) 2,4-Dichlorophenol	10.09	162	31336	43.950	ng		98
30) 1,2,4-Trichlorobenzene	10.30	180	33368	42.485	ng		99
31) Naphthalene	10.49	128	98763	41.269	ng		100
32) Benzoic acid	9.81	122	17030	35.683	ng		97
33) 4-Chloroaniline	10.61	127	23660	24.300	ng		99
34) Hexachlorobutadiene	10.75	225	20623	40.581	ng		98
35) Caprolactam	11.42	113	8735m	37.415	ng		
36) 4-Chloro-3-methylphenol	11.74	107	30822	40.017	ng		99
37) 2-Methylnaphthalene	12.10	142	71468	42.291	ng		99
38) 1-Methylnaphthalene	12.33	142	67725	40.956	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	37875	42.214	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	45566	89.199 ng	98
43) 2,4,6-Trichlorophenol	12.73	196	24732	44.424 ng	98
44) 2,4,5-Trichlorophenol	12.80	196	26337	43.424 ng	98
46) 1,1'-Biphenyl	13.13	154	90508	42.275 ng	98
47) 2-Chloronaphthalene	13.17	162	69876	42.531 ng	98
48) 2-Nitroaniline	13.40	65	16657	38.086 ng	93
49) Acenaphthylene	14.03	152	110723	40.069 ng	100
50) Dimethylphthalate	13.77	163	85786	41.278 ng	99
51) 2,6-Dinitrotoluene	13.90	165	19338	40.892 ng	93
52) Acenaphthene	14.37	154	64304	41.367 ng	99
53) 3-Nitroaniline	14.23	138	13101	27.105 ng	96
54) 2,4-Dinitrophenol	14.45	184	19695	70.744 ng	95
55) Dibenzofuran	14.70	168	102357	41.381 ng	99
56) 4-Nitrophenol	14.55	139	28555	74.993 ng	97
57) 2,4-Dinitrotoluene	14.69	165	26134	40.664 ng	97
58) Fluorene	15.36	166	82188	41.132 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	24407	43.402 ng	99
60) Diethylphthalate	15.13	149	85076	41.024 ng	99
61) 4-Chlorophenyl-phenylether	15.35	204	43564	42.262 ng	97
62) 4-Nitroaniline	15.40	138	17410	35.850 ng	98
63) Azobenzene	15.65	77	66386	38.455 ng	97
65) 4,6-Dinitro-2-methylphenol	15.45	198	13529	38.142 ng	100
66) n-Nitrosodiphenylamine	15.57	169	72220	42.661 ng	100
67) 4-Bromophenyl-phenylether	16.25	248	28792	42.931 ng	97
68) Hexachlorobenzene	16.35	284	34152	43.465 ng	96
69) Atrazine	16.53	200	24698	40.836 ng	99
70) Pentachlorophenol	16.70	266	36564	88.508 ng	99
71) Phenanthrene	17.10	178	124069	41.086 ng	100
72) Anthracene	17.19	178	127245	42.334 ng	100
73) Carbazole	17.47	167	109923	40.178 ng	99
74) Di-n-butylphthalate	18.02	149	140291	42.094 ng	100
75) Fluoranthene	19.12	202	140376	40.748 ng	98
77) Benzidine	19.32	184	49452	29.690 ng	99
78) Pyrene	19.49	202	142177	39.841 ng	99
80) Butylbenzylphthalate	20.39	149	62570	43.150 ng	98
81) Benzo(a)anthracene	21.24	228	133240	40.023 ng	99
82) 3,3'-Dichlorobenzidine	21.18	252	42798	34.379 ng	100
83) Chrysene	21.30	228	127610	40.131 ng	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	91282	45.498 ng	99
85) Di-n-octyl phthalate	22.03	149	153524	47.416 ng	97
86) Indeno(1,2,3-cd)pyrene	25.74	276	146172	40.462 ng	100
88) Benzo(b)fluoranthene	22.82	252	131412	46.541 ng	99
89) Benzo(k)fluoranthene	22.86	252	126556	48.877 ng	99
90) Benzo(a)pyrene	23.39	252	121739	47.116 ng	99
91) Dibenzo(a,h)anthracene	25.75	278	123405	47.574 ng	99
92) Benzo(g,h,i)perylene	26.43	276	121431	47.335 ng	97

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

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