Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032719\
Data File : BN005006.D
Acq On : 27 Mar 2019 22:13
Operator : JU/SJ
Sample : PB118091BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB118091BS

Manual Integrations APPROVED
Sohil
3/28/2019 5:10:21 PM

Quant Time: Mar 28 05:31:26 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	7.68	152	9566	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	38816	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	21187	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	44049	20.00	ng	0.00
76) Chrysene-d12	21.27	240	36599	20.00	ng	0.00
87) Perylene-d12	23.50	264	31051	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	73192	132.28	ng	0.00
7) Phenol-d6	6.86	99	91976	125.33	ng	0.00
23) Nitrobenzene-d5	8.84	82	47924	74.69	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	42890	125.52	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	124454	77.84	ng	0.00
79) Terphenyl-d14	19.70	244	161516	84.96	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	10410	51.628	ng	# 92
3) Pyridine	3.60	79	19800	35.139	ng	99
4) n-Nitrosodimethylamine	3.52	42	7025	38.243	ng	94
6) Aniline	7.02	93	30012	32.115	ng	99
8) 2-Chlorophenol	7.25	128	27515	39.174	ng	99
9) Benzaldehyde	6.83	77	8906	21.119	ng	99
10) Phenol	6.88	94	30723	39.069	ng	98
11) bis(2-Chloroethyl)ether	7.12	93	22437	36.897	ng	99
12) 1,3-Dichlorobenzene	7.56	146	28535	37.288	ng	99
13) 1,4-Dichlorobenzene	7.71	146	29263	37.777	ng	99
14) 1,2-Dichlorobenzene	8.02	146	27997	37.766	ng	99
15) Benzyl Alcohol	7.92	79	20476	36.674	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.20	45	26807	36.538	ng	100
17) 2-Methylphenol	8.12	107	21564	39.335	ng	99
18) Hexachloroethane	8.73	117	10030	36.531	ng	97
19) n-Nitroso-di-n-propylamine	8.48	70	16992	35.320	ng	99
20) 3+4-Methylphenols	8.45	107	28682	38.534	ng	99
22) Acetophenone	8.50	105	36215	40.872	ng	100
24) Nitrobenzene	8.88	77	25506	39.276	ng	100
25) Isophorone	9.39	82	47022	37.616	ng	100
26) 2-Nitrophenol	9.59	139	14419	38.240	ng	99
27) 2,4-Dimethylphenol	9.64	122	24330	46.345	ng	100
28) bis(2-Chloroethoxy)methane	9.88	93	30036	38.780	ng	100
29) 2,4-Dichlorophenol	10.12	162	25102	41.604	ng	98
30) 1,2,4-Trichlorobenzene	10.32	180	27034	40.675	ng	99
31) Naphthalene	10.51	128	80705	39.851	ng	100
32) Benzoic acid	9.80	122	12734	32.194	ng	98
33) 4-Chloroaniline	10.63	127	14457	17.546	ng	100
34) Hexachlorobutadiene	10.78	225	16570	38.530	ng	98
35) Caprolactam	11.42	113	6832m	34.581	ng	
36) 4-Chloro-3-methylphenol	11.76	107	25123	38.544	ng	99
37) 2-Methylnaphthalene	12.13	142	57739	40.375	ng	99
38) 1-Methylnaphthalene	12.35	142	54952	39.270	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	30993	41.242	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	42767	99.415	ng		100
43) 2,4,6-Trichlorophenol	12.75	196	20033	42.962	ng		99
44) 2,4,5-Trichlorophenol	12.82	196	20765	40.877	ng		98
46) 1,1'-Biphenyl	13.15	154	73772	41.140	ng		99
47) 2-Chloronaphthalene	13.19	162	56817	41.289	ng		99
48) 2-Nitroaniline	13.42	65	13830	37.755	ng		98
49) Acenaphthylene	14.05	152	90251	38.995	ng		100
50) Dimethylphthalate	13.79	163	68858	39.558	ng		99
51) 2,6-Dinitrotoluene	13.92	165	15395	38.868	ng		98
52) Acenaphthene	14.39	154	52006	39.944	ng		99
53) 3-Nitroaniline	14.25	138	7951	19.640	ng		100
54) 2,4-Dinitrophenol	14.46	184	16643	71.311	ng		99
55) Dibenzofuran	14.72	168	83312	40.214	ng		100
56) 4-Nitrophenol	14.56	139	23013	72.160	ng		97
57) 2,4-Dinitrotoluene	14.70	165	20591	38.253	ng		99
58) Fluorene	15.37	166	66008	39.441	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.95	232	18837	39.994	ng	#	99
60) Diethylphthalate	15.15	149	67958	39.125	ng		99
61) 4-Chlorophenyl-phenylether	15.36	204	34769	40.272	ng		99
62) 4-Nitroaniline	15.42	138	13492	33.171	ng		98
63) Azobenzene	15.66	77	56156	38.838	ng		98
65) 4,6-Dinitro-2-methylphenol	15.47	198	10836	37.344	ng		98
66) n-Nitrosodiphenylamine	15.59	169	57230	41.246	ng		100
67) 4-Bromophenyl-phenylether	16.26	248	22171	40.334	ng		99
68) Hexachlorobenzene	16.37	284	26078	40.494	ng		99
69) Atrazine	16.54	200	19357	39.048	ng		98
70) Pentachlorophenol	16.72	266	26308	77.697	ng		100
71) Phenanthrene	17.12	178	98310	39.720	ng		100
72) Anthracene	17.20	178	99978	40.582	ng		100
73) Carbazole	17.48	167	85386	38.078	ng		99
74) Di-n-butylphthalate	18.03	149	104040	38.087	ng		100
75) Fluoranthene	19.13	202	104857	37.136	ng		99
77) Benzidine	19.33	184	43909	38.497	ng		99
78) Pyrene	19.50	202	104227	42.650	ng		100
80) Butylbenzylphthalate	20.40	149	39660	39.940	ng		98
81) Benzo(a)anthracene	21.25	228	88422	38.786	ng		100
82) 3,3'-Dichlorobenzidine	21.19	252	19122	22.431	ng		99
83) Chrysene	21.30	228	84236	38.684	ng		99
84) Bis(2-ethylhexyl)phthalate	21.17	149	54227	39.469	ng		100
85) Di-n-octyl phthalate	22.05	149	84051	37.908	ng		99
86) Indeno(1,2,3-cd)pyrene	25.76	276	83842	33.891	ng		100
88) Benzo(b)fluoranthene	22.83	252	76948	40.260	ng		99
89) Benzo(k)fluoranthene	22.87	252	78376	44.718	ng		99
90) Benzo(a)pyrene	23.41	252	73157	41.828	ng		100
91) Dibenzo(a,h)anthracene	25.77	278	70360	40.071	ng		99
92) Benzo(g,h,i)perylene	26.46	276	69323	39.921	ng		99

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

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