Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040319\
Data File : BN005066.D
Acq On : 03 Apr 2019 18:17
Operator : JU/SJ
Sample : PB118575BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB118575BS

Manual Integrations APPROVED
Sohil
4/4/2019 5:47:50 PM

Quant Time: Apr 04 04:42:23 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	8487	20.00	ng	-0.02
21) Naphthalene-d8	10.44	136	34406	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	19175	20.00	ng	-0.02
64) Phenanthrene-d10	17.06	188	42181	20.00	ng	-0.02
76) Chrysene-d12	21.26	240	41881	20.00	ng	-0.02
87) Perylene-d12	23.49	264	36666	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	65968	134.38	ng	-0.02
7) Phenol-d6	6.83	99	82807	127.18	ng	-0.02
23) Nitrobenzene-d5	8.82	82	48673	85.58	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	44222	142.99	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	130258	90.02	ng	-0.02
79) Terphenyl-d14	19.69	244	197775	90.92	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	6653	37.191	ng	# 95
3) Pyridine	3.57	79	17295	34.596	ng	99
4) n-Nitrosodimethylamine	3.50	42	5783	35.484	ng	99
6) Aniline	6.99	93	27368	33.009	ng	100
8) 2-Chlorophenol	7.22	128	24870	39.910	ng	99
9) Benzaldehyde	6.80	77	12479	33.354	ng	99
10) Phenol	6.86	94	27713	39.722	ng	99
11) bis(2-Chloroethyl)ether	7.09	93	20055	37.172	ng	100
12) 1,3-Dichlorobenzene	7.54	146	25772	37.959	ng	99
13) 1,4-Dichlorobenzene	7.69	146	26428	38.455	ng	100
14) 1,2-Dichlorobenzene	8.00	146	25102	38.166	ng	98
15) Benzyl Alcohol	7.90	79	18394	37.134	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.18	45	23350	35.873	ng	99
17) 2-Methylphenol	8.10	107	19407	39.902	ng	99
18) Hexachloroethane	8.72	117	9070	37.235	ng	99
19) n-Nitroso-di-n-propylamine	8.46	70	15145	35.483	ng	98
20) 3+4-Methylphenols	8.43	107	25921	39.252	ng	99
22) Acetophenone	8.48	105	32786	41.744	ng	99
24) Nitrobenzene	8.86	77	22687	39.413	ng	100
25) Isophorone	9.38	82	41992	37.898	ng	99
26) 2-Nitrophenol	9.56	139	12888	38.561	ng	98
27) 2,4-Dimethylphenol	9.62	122	22061	47.409	ng	99
28) bis(2-Chloroethoxy)methane	9.86	93	27305	39.773	ng	99
29) 2,4-Dichlorophenol	10.09	162	22931	42.877	ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	24703	41.932	ng	100
31) Naphthalene	10.49	128	73042	40.690	ng	100
32) Benzoic acid	9.79	122	11608	32.947	ng	99
33) 4-Chloroaniline	10.61	127	13273	18.174	ng	99
34) Hexachlorobutadiene	10.75	225	15427	40.470	ng	99
35) Caprolactam	11.40	113	6324m	36.113	ng	
36) 4-Chloro-3-methylphenol	11.74	107	22859	39.566	ng	99
37) 2-Methylnaphthalene	12.10	142	53121	41.907	ng	99
38) 1-Methylnaphthalene	12.33	142	50114	40.402	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	28599	42.050	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	39397	101.110	ng		99
43) 2,4,6-Trichlorophenol	12.73	196	18127	42.954	ng		99
44) 2,4,5-Trichlorophenol	12.80	196	19480	42.371	ng		98
46) 1,1'-Biphenyl	13.13	154	67422	41.544	ng		99
47) 2-Chloronaphthalene	13.17	162	52050	41.794	ng		99
48) 2-Nitroaniline	13.40	65	12191	36.773	ng		96
49) Acenaphthylene	14.03	152	82663	39.464	ng		100
50) Dimethylphthalate	13.77	163	64756	41.105	ng		99
51) 2,6-Dinitrotoluene	13.90	165	14292	39.869	ng		95
52) Acenaphthene	14.37	154	47645	40.435	ng		98
53) 3-Nitroaniline	14.23	138	7804	21.300	ng		96
54) 2,4-Dinitrophenol	14.45	184	16873	79.016	ng		95
55) Dibenzofuran	14.70	168	76616	40.862	ng		100
56) 4-Nitrophenol	14.55	139	23081	79.967	ng		97
57) 2,4-Dinitrotoluene	14.69	165	19958	40.967	ng		97
58) Fluorene	15.36	166	61059	40.313	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	18407	43.181	ng	#	99
60) Diethylphthalate	15.13	149	65449	41.634	ng		99
61) 4-Chlorophenyl-phenylether	15.35	204	32301	41.339	ng		98
62) 4-Nitroaniline	15.40	138	13485	36.632	ng		99
63) Azobenzene	15.65	77	50677	38.726	ng		99
65) 4,6-Dinitro-2-methylphenol	15.45	198	10661	38.282	ng		98
66) n-Nitrosodiphenylamine	15.57	169	54606	41.098	ng		99
67) 4-Bromophenyl-phenylether	16.25	248	21435	40.722	ng		98
68) Hexachlorobenzene	16.36	284	25908	42.011	ng		96
69) Atrazine	16.53	200	18473	38.915	ng		100
70) Pentachlorophenol	16.70	266	27970	86.263	ng		99
71) Phenanthrene	17.10	178	95934	40.477	ng		100
72) Anthracene	17.19	178	99303	42.094	ng		99
73) Carbazole	17.47	167	86948	40.492	ng		99
74) Di-n-butylphthalate	18.02	149	108615	41.523	ng		99
75) Fluoranthene	19.12	202	110352	40.813	ng		98
77) Benzidine	19.32	184	56779	43.502	ng		99
78) Pyrene	19.49	202	111387	39.831	ng		99
80) Butylbenzylphthalate	20.39	149	45696	40.215	ng		99
81) Benzo(a)anthracene	21.24	228	100941	38.693	ng		99
82) 3,3'-Dichlorobenzidine	21.18	252	24216	24.823	ng		99
83) Chrysene	21.29	228	98561	39.554	ng		100
84) Bis(2-ethylhexyl)phthalate	21.16	149	64396	40.960	ng		99
85) Di-n-octyl phthalate	22.03	149	104153	41.050	ng		98
86) Indeno(1,2,3-cd)pyrene	25.73	276	104303	36.844	ng		100
88) Benzo(b)fluoranthene	22.82	252	95956	42.517	ng		99
89) Benzo(k)fluoranthene	22.86	252	97019	46.878	ng		99
90) Benzo(a)pyrene	23.39	252	91368	44.240	ng		99
91) Dibenzo(a,h)anthracene	25.74	278	88399	42.635	ng		98
92) Benzo(g,h,i)perylene	26.42	276	85355	41.626	ng		100

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

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