Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032719\
Data File : BN005007.D
Acq On : 27 Mar 2019 22:49
Operator : JU/SJ
Sample : PB118091BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB118091BSD

Manual Integrations APPROVED
Sohil
3/28/2019 5:10:23 PM

Quant Time: Mar 28 05:32:53 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	9039	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	36614	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	20110	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	41715	20.00	ng	0.00
76) Chrysene-d12	21.27	240	33932	20.00	ng	0.00
87) Perylene-d12	23.50	264	28836	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	68764	131.53	ng	0.00
7) Phenol-d6	6.86	99	87019	125.49	ng	0.00
23) Nitrobenzene-d5	8.84	82	46455	76.75	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	40171	123.86	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	121721	80.21	ng	0.00
79) Terphenyl-d14	19.70	244	155126	88.02	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	10059	52.796	ng	# 91
3) Pyridine	3.59	79	19281	36.213	ng	97
4) n-Nitrosodimethylamine	3.52	42	6815	39.263	ng	97
6) Aniline	7.02	93	29207	33.076	ng	99
8) 2-Chlorophenol	7.25	128	27041	40.743	ng	100
9) Benzaldehyde	6.83	77	7436	18.661	ng	97
10) Phenol	6.88	94	30219	40.669	ng	99
11) bis(2-Chloroethyl)ether	7.12	93	21982	38.256	ng	97
12) 1,3-Dichlorobenzene	7.56	146	27819	38.472	ng	99
13) 1,4-Dichlorobenzene	7.71	146	28574	39.039	ng	99
14) 1,2-Dichlorobenzene	8.02	146	27410	39.130	ng	98
15) Benzyl Alcohol	7.92	79	20087	38.075	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.20	45	26452	38.156	ng	100
17) 2-Methylphenol	8.12	107	21225	40.974	ng	98
18) Hexachloroethane	8.74	117	9779	37.694	ng	98
19) n-Nitroso-di-n-propylamine	8.48	70	16668	36.666	ng	99
20) 3+4-Methylphenols	8.45	107	28211	40.110	ng	98
22) Acetophenone	8.50	105	35844	42.886	ng	# 100
24) Nitrobenzene	8.88	77	25196	41.133	ng	99
25) Isophorone	9.39	82	46557	39.484	ng	99
26) 2-Nitrophenol	9.59	139	14205	39.938	ng	99
27) 2,4-Dimethylphenol	9.64	122	23844	48.151	ng	99
28) bis(2-Chloroethoxy)methane	9.88	93	29752	40.724	ng	100
29) 2,4-Dichlorophenol	10.12	162	24841	43.647	ng	99
30) 1,2,4-Trichlorobenzene	10.32	180	26505	42.277	ng	99
31) Naphthalene	10.51	128	79286	41.505	ng	100
32) Benzoic acid	9.80	122	12784	33.897	ng	99
33) 4-Chloroaniline	10.63	127	14483	18.634	ng	99
34) Hexachlorobutadiene	10.77	225	16427	40.495	ng	99
35) Caprolactam	11.42	113	6825m	36.624	ng	
36) 4-Chloro-3-methylphenol	11.76	107	24785	40.313	ng	99
37) 2-Methylnaphthalene	12.13	142	56772	42.086	ng	99
38) 1-Methylnaphthalene	12.35	142	53913	40.844	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	30445	42.683	ng	99

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Quant Time: Mar 28 05:32:53 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)
41) Hexachlorocyclopentadiene	12.46	237	41757	102.137	ng		100
43) 2,4,6-Trichlorophenol	12.75	196	19595	44.273	ng		99
44) 2,4,5-Trichlorophenol	12.82	196	20541	42.601	ng		99
46) 1,1'-Biphenyl	13.15	154	72089	42.355	ng		99
47) 2-Chloronaphthalene	13.19	162	55850	42.760	ng		99
48) 2-Nitroaniline	13.42	65	13739	39.516	ng		98
49) Acenaphthylene	14.05	152	88893	40.465	ng		100
50) Dimethylphthalate	13.79	163	68000	41.158	ng		99
51) 2,6-Dinitrotoluene	13.92	165	15189	40.401	ng		99
52) Acenaphthene	14.39	154	51239	41.463	ng		99
53) 3-Nitroaniline	14.25	138	7833	20.385	ng		99
54) 2,4-Dinitrophenol	14.46	184	16606	74.594	ng		98
55) Dibenzofuran	14.72	168	81950	41.675	ng		100
56) 4-Nitrophenol	14.56	139	22720	75.057	ng		97
57) 2,4-Dinitrotoluene	14.70	165	20342	39.814	ng		99
58) Fluorene	15.37	166	64861	40.832	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.95	232	18926	42.335	ng	#	100
60) Diethylphthalate	15.15	149	66534	40.356	ng		100
61) 4-Chlorophenyl-phenylether	15.37	204	34245	41.789	ng		99
62) 4-Nitroaniline	15.42	138	13239	34.292	ng		98
63) Azobenzene	15.66	77	55504	40.443	ng		99
65) 4,6-Dinitro-2-methylphenol	15.47	198	10782	39.078	ng		98
66) n-Nitrosodiphenylamine	15.59	169	56257	42.813	ng		99
67) 4-Bromophenyl-phenylether	16.26	248	21974	42.212	ng		99
68) Hexachlorobenzene	16.37	284	25598	41.972	ng		99
69) Atrazine	16.54	200	19057	40.594	ng		99
70) Pentachlorophenol	16.72	266	25769	80.363	ng		99
71) Phenanthrene	17.12	178	95994	40.955	ng		100
72) Anthracene	17.20	178	97951	41.984	ng		100
73) Carbazole	17.48	167	82981	39.076	ng		99
74) Di-n-butylphthalate	18.03	149	102249	39.526	ng		100
75) Fluoranthene	19.13	202	102234	38.233	ng		99
77) Benzidine	19.33	184	42999	40.662	ng		99
78) Pyrene	19.50	202	102063	45.047	ng		100
80) Butylbenzylphthalate	20.40	149	38529	41.851	ng		98
81) Benzo(a)anthracene	21.25	228	86037	40.706	ng		99
82) 3,3'-Dichlorobenzidine	21.19	252	19064	24.120	ng		99
83) Chrysene	21.30	228	81806	40.521	ng		100
84) Bis(2-ethylhexyl)phthalate	21.17	149	52476	41.197	ng		100
85) Di-n-octyl phthalate	22.04	149	80887	39.348	ng		99
86) Indeno(1,2,3-cd)pyrene	25.76	276	82910	36.148	ng		100
88) Benzo(b)fluoranthene	22.83	252	74998	42.254	ng		99
89) Benzo(k)fluoranthene	22.87	252	76329	46.895	ng		99
90) Benzo(a)pyrene	23.41	252	71986	44.320	ng		99
91) Dibenzo(a,h)anthracene	25.77	278	69567	42.663	ng		99
92) Benzo(g,h,i)perylene	26.46	276	69288	42.966	ng		99

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

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