Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN020918\
Data File : BN000053.D
Acq On : 09 Feb 2018 11:40
Operator : JU/SJ
Sample : MDL-S-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-S-03

Manual Integrations APPROVED
Sohil
2/13/2018 11:33:33 AM

Quant Time: Feb 12 15:00:28 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-BN020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 18:24:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.47	152	243037	20.00	ng		0.00
21) Naphthalene-d8	11.30	136	1221725	20.00	ng		0.00
38) Acenaphthene-d10	15.07	164	741895	20.00	ng		0.00
63) Phenanthrene-d10	17.79	188	1705503	20.00	ng		0.00
75) Chrysene-d12	21.92	240	2038034	20.00	ng		0.00
86) Perylene-d12	24.41	264	2215251	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.94	112	2131229	142.92	ng		0.00
7) Phenol-d6	7.59	99	3134974	138.79	ng		0.00
23) Nitrobenzene-d5	9.65	82	1824962	88.81	ng		0.00
41) 2,4,6-Tribromophenol	16.55	330	1031752	140.50	ng		0.00
44) 2-Fluorobiphenyl	13.71	172	4887228	92.84	ng		0.00
78) Terphenyl-d14	20.36	244	6834376	90.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	26909	4.484	ng		97
3) Pyridine	4.13	79	63308	3.389	ng		95
4) n-Nitrosodimethylamine	4.02	42	20026	3.791	ng	#	96
6) Aniline	7.77	93	122397	3.933	ng		92
8) 2-Chlorophenol	8.02	128	76278	4.374	ng		85
9) Benzaldehyde	7.58	77	50974	3.627	ng		94
10) Phenol	7.61	94	102304	4.290	ng		95
11) bis(2-Chloroethyl)ether	7.86	93	86164	4.394	ng	#	81
12) 1,3-Dichlorobenzene	8.35	146	89036	4.493	ng		96
13) 1,4-Dichlorobenzene	8.50	146	88464	4.372	ng		99
14) 1,2-Dichlorobenzene	8.83	146	89387	4.487	ng		94
15) Benzyl Alcohol	8.70	79	57430	3.537	ng		87
16) 2,2'-oxybis(1-Chloropropan	8.99	45	90879	4.378	ng		75
17) 2-Methylphenol	8.89	107	61018	3.601	ng		96
18) Hexachloroethane	9.57	117	27456	3.898	ng	#	81
19) n-Nitroso-di-n-propylamine	9.27	70	53343	3.524	ng	#	83
20) 3+4-Methylphenols	9.22	107	82014	3.461	ng		90
22) Acetophenone	9.29	105	137405	4.014	ng	#	87
24) Nitrobenzene	9.69	77	104694	4.661	ng	#	95
25) Isophorone	10.20	82	145476	3.425	ng		96
26) 2-Nitrophenol	10.40	139	22637	9.283	ng		92
27) 2,4-Dimethylphenol	10.45	122	63312m	3.438	ng		
28) bis(2-Chloroethoxy)methane	10.69	93	109073	4.004	ng		97
29) 2,4-Dichlorophenol	10.94	162	48438	2.842	ng		97
30) 1,2,4-Trichlorobenzene	11.16	180	84978	4.330	ng		98
31) Naphthalene	11.36	128	298034	4.450	ng		97
32) Benzoic acid	10.48	122	15917m	11.451	ng		
33) 4-Chloroaniline	11.45	127	106429	3.617	ng		94
34) Hexachlorobutadiene	11.63	225	43285	4.253	ng		98
35) Caprolactam	12.17	113	15656	5.944	ng		97
36) 4-Chloro-3-methylphenol	12.53	107	63065	2.915	ng		98
37) 2-Methylnaphthalene	12.93	142	195798	4.201	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.29	216	97530	4.454	ng	#	95
40) Hexachlorocyclopentadiene	13.27	237	28784	3.153	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.52	196	33682	2.566	ng		89
43) 2,4,5-Trichlorophenol	13.59	196	43683	2.769	ng		93
45) 1,1'-Biphenyl	13.92	154	295606	4.524	ng		98
46) 2-Chloronaphthalene	13.96	162	210546	4.294	ng		96
47) 2-Nitroaniline	14.15	65	31328	6.835	ng		95
48) Acenaphthylene	14.80	152	303393	3.841	ng		98
49) Dimethylphthalate	14.51	163	243645	3.929	ng		99
50) 2,6-Dinitrotoluene	14.63	165	31547	2.464	ng		98
51) Acenaphthene	15.14	154	222345	4.324	ng		98
52) 3-Nitroaniline	14.96	138	40483	2.601	ng	#	89
53) 2,4-Dinitrophenol	15.16	184	7284	10.647	ng	#	66
54) Dibenzofuran	15.47	168	331867	4.558	ng		96
55) 4-Nitrophenol	15.23	139	23523	6.706	ng		91
56) 2,4-Dinitrotoluene	15.41	165	36979	6.025	ng	#	93
57) Fluorene	16.11	166	256603	4.316	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.68	232	37706	3.028	ng	#	87
59) Diethylphthalate	15.86	149	238962	3.792	ng		97
60) 4-Chlorophenyl-phenylether	16.09	204	122113	4.507	ng		91
61) 4-Nitroaniline	16.11	138	42225	2.641	ng		97
62) Azobenzene	16.39	77	231190	3.685	ng		91
64) 4,6-Dinitro-2-methylphenol	16.16	198	14427	10.170	ng		92
65) n-Nitrosodiphenylamine	16.30	169	210792	3.798	ng		96
66) 4-Bromophenyl-phenylether	16.98	248	63565	3.919	ng	#	74
67) Hexachlorobenzene	17.10	284	80652	4.258	ng	#	83
68) Atrazine	17.23	200	51628	2.858	ng		95
69) Pentachlorophenol	17.43	266	26631	7.724	ng		97
70) Phenanthrene	17.83	178	457582	4.542	ng		98
71) Anthracene	17.93	178	385949	3.957	ng		98
72) Carbazole	18.19	167	395395	4.023	ng		97
73) Di-n-butylphthalate	18.72	149	295649	2.725	ng	#	97
74) Fluoranthene	19.82	202	445108	4.212	ng		95
76) Benzidine	19.98	184	111545	1.717	ng	#	95
77) Pyrene	20.17	202	509221	3.931	ng		99
79) Butylbenzylphthalate	21.03	149	107392	6.928	ng		94
80) Benzo(a)anthracene	21.90	228	521734	4.165	ng		97
81) 3,3'-Dichlorobenzidine	21.82	252	126526	2.750	ng	#	95
82) Chrysene	21.96	228	566656	4.539	ng		98
83) Bis(2-ethylhexyl)phthalate	21.80	149	172815	4.684	ng	#	92
84) Di-n-octyl phthalate	22.77	149	246022	7.942	ng		100
85) Indeno(1,2,3-cd)pyrene	26.97	276	636372	4.150	ng	#	86
87) Benzo(b)fluoranthene	23.65	252	542911	4.187	ng	#	94
88) Benzo(k)fluoranthene	23.70	252	535510	4.101	ng	#	95
89) Benzo(a)pyrene	24.30	252	488212	3.926	ng	#	94
90) Dibenzo(a,h)anthracene	26.99	278	530472	4.079	ng	#	89
91) Benzo(g,h,i)perylene	27.76	276	531649	4.043	ng	#	86

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

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