Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033120\
Data File : BF119651.D
Acq On : 31 Mar 2020 15:00
Operator : MA/SJ
Sample : L2055-04MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MS

Manual Integrations APPROVED
mohammad
4/1/2020 11:55:21 AM

Quant Time: Mar 31 15:44:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 31 14:11:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	356917	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	1401787	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	728741	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	1392727	20.00	ng		0.00
76) Chrysene-d12	14.02	240	985650	20.00	ng		0.00
87) Perylene-d12	15.48	264	994486	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	2216531	98.86	ng		0.02
7) Phenol-d6	6.46	99	2929937	102.30	ng		0.00
23) Nitrobenzene-d5	7.40	82	1825795	70.79	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	862908	114.78	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	3401880	69.16	ng		0.00
79) Terphenyl-d14	12.96	244	3721760	73.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	419002	37.839	ng		97
3) Pyridine	3.39	79	1147010	37.599	ng		93
4) n-Nitrosodimethylamine	3.35	42	570510	38.349	ng		90
6) Aniline	6.49	93	873686	22.103	ng		97
8) 2-Chlorophenol	6.62	128	1171834	49.763	ng		98
9) Benzaldehyde	6.37	77	658754	36.257	ng		98
10) Phenol	6.47	94	1438959	47.086	ng		97
11) bis(2-Chloroethyl)ether	6.56	93	1127578	46.133	ng		99
12) 1,3-Dichlorobenzene	6.77	146	1148094	45.048	ng		97
13) 1,4-Dichlorobenzene	6.85	146	1159614	45.488	ng		98
14) 1,2-Dichlorobenzene	7.00	146	1083572	45.475	ng		99
15) Benzyl Alcohol	6.97	79	950391	44.113	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	2024537	41.065	ng		98
17) 2-Methylphenol	7.09	107	945574	43.826	ng		99
18) Hexachloroethane	7.35	117	441130	47.219	ng		98
19) n-Nitroso-di-n-propylamine	7.25	70	788451	45.672	ng		97
20) 3+4-Methylphenols	7.24	107	1088733	41.175	ng	#	79
22) Acetophenone	7.24	105	1445676	43.161	ng	#	88
24) Nitrobenzene	7.42	77	1195884	43.385	ng		96
25) Isophorone	7.66	82	2295908	43.881	ng		99
26) 2-Nitrophenol	7.73	139	632502	58.278	ng		87
27) 2,4-Dimethylphenol	7.77	122	1006963	44.870	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	1470663	47.534	ng		99
29) 2,4-Dichlorophenol	7.97	162	975690	47.317	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	1029006	45.124	ng		99
31) Naphthalene	8.14	128	3164666	43.870	ng		99
32) Benzoic acid	7.91	122	846710	58.653	ng		91
33) 4-Chloroaniline	8.18	127	321062	9.713	ng		96
34) Hexachlorobutadiene	8.26	225	575466	45.103	ng		99
35) Caprolactam	8.57	113	288943m	42.816	ng		
36) 4-Chloro-3-methylphenol	8.67	107	1045015	46.368	ng		99
37) 2-Methylnaphthalene	8.83	142	2233060	47.168	ng		99
38) 1-Methylnaphthalene	8.93	142	2089903	46.638	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	930530	43.564	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 31 14:11:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	1159101	95.451 ng	99
43) 2,4,6-Trichlorophenol	9.11	196	744558	48.710 ng	98
44) 2,4,5-Trichlorophenol	9.16	196	757142	44.217 ng	94
46) 1,1'-Biphenyl	9.30	154	2591236	43.658 ng	99
47) 2-Chloronaphthalene	9.33	162	2034895	43.769 ng	98
48) 2-Nitroaniline	9.42	65	734343	45.762 ng	95
49) Acenaphthylene	9.75	152	3188679	43.676 ng	100
50) Dimethylphthalate	9.61	163	2761536	53.350 ng	99
51) 2,6-Dinitrotoluene	9.67	165	563462	50.785 ng	95
52) Acenaphthene	9.92	154	2010926	44.182 ng	99
53) 3-Nitroaniline	9.83	138	337593	24.101 ng	93
54) 2,4-Dinitrophenol	9.95	184	639365	128.343 ng	97
55) Dibenzofuran	10.09	168	2837274	43.479 ng	99
56) 4-Nitrophenol	10.00	139	973125	88.066 ng	93
57) 2,4-Dinitrotoluene	10.07	165	719007	51.443 ng	97
58) Fluorene	10.43	166	2155836	44.675 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	649251	50.724 ng	97
60) Diethylphthalate	10.31	149	2513047	47.835 ng	98
61) 4-Chlorophenyl-phenylether	10.42	204	1058456	44.854 ng	98
62) 4-Nitroaniline	10.46	138	574000	42.734 ng	97
63) Azobenzene	10.59	77	2380988	45.005 ng	97
65) 4,6-Dinitro-2-methylphenol	10.48	198	426670	73.059 ng	87
66) n-Nitrosodiphenylamine	10.55	169	2075175	45.388 ng	98
67) 4-Bromophenyl-phenylether	10.92	248	731408	46.113 ng	97
68) Hexachlorobenzene	10.98	284	768525	47.341 ng	99
69) Atrazine	11.07	200	655741	52.315 ng	100
70) Pentachlorophenol	11.17	266	869177	91.312 ng	97
71) Phenanthrene	11.40	178	3106767	43.020 ng	99
72) Anthracene	11.45	178	3210862	43.747 ng	99
73) Carbazole	11.60	167	2992056	41.185 ng	99
74) Di-n-butylphthalate	11.94	149	3836038	49.361 ng	99
75) Fluoranthene	12.59	202	3399057	43.491 ng	98
77) Benzidine	12.71	184	1671096	40.062 ng	98
78) Pyrene	12.82	202	3393004	41.945 ng	100
80) Butylbenzylphthalate	13.44	149	1724478	52.709 ng	96
81) Benzo(a)anthracene	14.01	228	2668734	41.637 ng	98
82) 3,3'-Dichlorobenzidine	13.97	252	849775	33.625 ng	98
83) Chrysene	14.05	228	2788682	42.158 ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	2207018	56.588 ng	98
85) Di-n-octyl phthalate	14.62	149	3995426	58.249 ng	100
86) Indeno(1,2,3-cd)pyrene	16.95	276	2730115	43.823 ng	98
88) Benzo(b)fluoranthene	15.06	252	3190441	48.026 ng	97
89) Benzo(k)fluoranthene	15.09	252	2527107	39.950 ng	98
90) Benzo(a)pyrene	15.43	252	2594958	42.983 ng	99
91) Dibenzo(a,h)anthracene	16.97	278	2269189	42.973 ng	97
92) Benzo(g,h,i)perylene	17.40	276	2216951	41.790 ng	95

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

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