Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100620\
Data File : BF121850.D
Acq On : 6 Oct 2020 13:53
Operator : JU/CG
Sample : L4247-03MSD 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-18(0-1)MSD

Manual Integrations APPROVED
mohammad
10/7/2020 10:40:45 AM

Quant Time: Oct 07 09:14:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 14:29:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	103084	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	399859	20.00	ng		-0.01
39) Acenaphthene-d10	9.80	164	196568	20.00	ng		-0.01
64) Phenanthrene-d10	11.28	188	333421	20.00	ng		-0.01
76) Chrysene-d12	13.92	240	216248	20.00	ng		-0.01
86) Perylene-d12	15.36	264	235138	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	16333	2.35	ng		0.00
7) Phenol-d6	6.41	99	23125	2.54	ng		0.00
23) Nitrobenzene-d5	7.33	82	16332	2.19	ng		-0.01
42) 2,4,6-Tribromophenol	10.59	330	3421	1.40	ng		-0.01
45) 2-Fluorobiphenyl	9.12	172	32015	2.47	ng		-0.02
79) Terphenyl-d14	12.86	244	26339	2.47	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	3106	0.975	ng	#	81
3) Pyridine	3.36	79	3602m	0.409	ng		
4) n-Nitrosodimethylamine	3.19	42	2062m	0.505	ng		
6) Aniline	6.43	93	7418	0.626	ng	#	56
8) 2-Chlorophenol	6.56	128	6450	0.913	ng		96
9) Benzaldehyde	6.32	77	2048	0.344	ng	#	17
10) Phenol	6.42	94	9390	0.969	ng		84
11) bis(2-Chloroethyl)ether	6.50	93	7292	0.998	ng		94
12) 1,3-Dichlorobenzene	6.70	146	8339	1.058	ng		90
13) 1,4-Dichlorobenzene	6.78	146	8116	1.025	ng		92
14) 1,2-Dichlorobenzene	6.93	146	7831	1.074	ng		98
15) Benzyl Alcohol	6.92	79	6160	0.996	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.04	45	12284	1.045	ng	#	18
17) 2-Methylphenol	7.03	107	6504	1.082	ng	#	81
18) Hexachloroethane	7.27	117	3645	1.286	ng		90
19) n-Nitroso-di-n-propylamine	7.17	70	7030	1.340	ng		99
20) 3+4-Methylphenols	7.19	107	8000	1.108	ng	#	71
22) Acetophenone	7.16	105	22071m	2.176	ng		
24) Nitrobenzene	7.35	77	8722	1.083	ng	#	94
25) Isophorone	7.58	82	17338	1.157	ng	#	84
26) 2-Nitrophenol	7.67	139	3904m	3.534	ng		
27) 2,4-Dimethylphenol	7.71	122	6038	0.902	ng		100
28) bis(2-Chloroethoxy)methane	7.80	93	10944	1.179	ng	#	79
29) 2,4-Dichlorophenol	7.93	162	5299	0.869	ng		87
30) 1,2,4-Trichlorobenzene	7.99	180	6482	1.010	ng		98
31) Naphthalene	8.07	128	32327	1.532	ng	#	95
33) 4-Chloroaniline	8.13	127	7698	0.841	ng	#	90
34) Hexachlorobutadiene	8.18	225	3932	1.044	ng		93
35) Caprolactam	8.47	113	7955m	3.919	ng		
36) 4-Chloro-3-methylphenol	8.62	107	5615	0.855	ng		97
37) 2-Methylnaphthalene	8.76	142	37823	2.734	ng		97
38) 1-Methylnaphthalene	8.86	142	32143m	2.497	ng		
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	6412	1.044	ng	#	87
43) 2,4,6-Trichlorophenol	9.05	196	3120	0.745	ng		97

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.10	196	2968	0.671	ng	#	1
46) 1,1'-Biphenyl	9.22	154	19284	1.225	ng		99
47) 2-Chloronaphthalene	9.25	162	13006	1.049	ng		95
48) 2-Nitroaniline	9.35	65	3240	0.841	ng	#	81
49) Acenaphthylene	9.66	152	20976	1.101	ng	#	93
50) Dimethylphthalate	9.52	163	20247	1.421	ng	#	97
51) 2,6-Dinitrotoluene	9.59	165	2879	0.949	ng	#	78
52) Acenaphthene	9.83	154	14815	1.231	ng		96
53) 3-Nitroaniline	9.76	138	5061	1.440	ng	#	91
55) Dibenzofuran	10.00	168	21122	1.246	ng	#	86
56) 4-Nitrophenol	9.95	139	387	0.138	ng	#	1
57) 2,4-Dinitrotoluene	10.00	165	3999	1.048	ng	#	78
58) Fluorene	10.35	166	18934	1.461	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.13	232	1277	0.355	ng	#	1
60) Diethylphthalate	10.22	149	14905	1.073	ng		98
61) 4-Chlorophenyl-phenylether	10.34	204	7130	1.148	ng	#	79
62) 4-Nitroaniline	10.37	138	1799	0.515	ng	#	59
63) Azobenzene	10.50	77	14610	0.988	ng	#	80
66) n-Nitrosodiphenylamine	10.46	169	23243	2.032	ng	#	81
67) 4-Bromophenyl-phenylether	10.83	248	4271	1.125	ng	#	88
68) Hexachlorobenzene	10.90	284	4444	1.037	ng		95
69) Atrazine	10.98	200	3644	1.282	ng		87
71) Phenanthrene	11.30	178	30928	1.703	ng		99
72) Anthracene	11.36	178	20137	1.074	ng		96
73) Carbazole	11.52	167	17719	1.047	ng		94
74) Di-n-butylphthalate	11.84	149	23931	1.226	ng		99
75) Fluoranthene	12.49	202	21575	1.113	ng		96
77) Benzidine	12.63	184	2681	0.374	ng	#	70
78) Pyrene	12.72	202	23302	1.475	ng		99
80) Butylbenzylphthalate	13.34	149	7993	1.251	ng		96
81) Benzo(a)anthracene	13.91	228	17279	1.263	ng		95
82) 3,3'-Dichlorobenzidine	13.87	252	4925	0.922	ng		86
83) Chrysene	13.94	228	17689	1.277	ng		97
84) Bis(2-ethylhexyl)phthalate	13.90	149	9878	1.157	ng	#	98
85) Di-n-octyl phthalate	14.51	149	15009	0.996	ng	#	59
87) Indeno(1,2,3-cd)pyrene	16.77	276	20858	1.362	ng	#	90
88) Benzo(b)fluoranthene	14.94	252	17637	1.122	ng	#	84
89) Benzo(k)fluoranthene	14.97	252	16361	1.137	ng	#	62
90) Benzo(a)pyrene	15.30	252	16754	1.254	ng	#	90
91) Dibenzo(a,h)anthracene	16.78	278	16874	1.324	ng	#	89
92) Benzo(g,h,i)perylene	17.20	276	18435	1.471	ng		98

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

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