Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100620\
Data File : BF121854.D
Acq On : 6 Oct 2020 15:58
Operator : JU/CG
Sample : L4247-02MS 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
10/7/2020 10:40:53 AM

Quant Time: Oct 07 09:16:34 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	117253	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	419047	20.00	ng		-0.01
39) Acenaphthene-d10	9.80	164	187296	20.00	ng		-0.01
64) Phenanthrene-d10	11.28	188	292737	20.00	ng		-0.01
76) Chrysene-d12	13.92	240	292341	20.00	ng		-0.01
86) Perylene-d12	15.36	264	300669	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	18621	2.36	ng		0.00
7) Phenol-d6	6.41	99	26224	2.53	ng		0.00
23) Nitrobenzene-d5	7.32	82	15572	2.00	ng		-0.02
42) 2,4,6-Tribromophenol	10.59	330	3784	1.63	ng		-0.01
45) 2-Fluorobiphenyl	9.12	172	33142	2.68	ng		-0.02
79) Terphenyl-d14	12.86	244	28721	1.99	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	2701	0.745	ng	#	62
3) Pyridine	3.35	79	5240m	0.523	ng		
4) n-Nitrosodimethylamine	3.19	42	2750m	0.592	ng		
6) Aniline	6.43	93	8018	0.595	ng	#	58
8) 2-Chlorophenol	6.56	128	7373	0.918	ng		96
9) Benzaldehyde	6.32	77	2223	0.329	ng	#	1
10) Phenol	6.42	94	10625	0.964	ng		76
11) bis(2-Chloroethyl)ether	6.49	93	9367	1.128	ng		94
12) 1,3-Dichlorobenzene	6.70	146	9000	1.004	ng		97
13) 1,4-Dichlorobenzene	6.78	146	9537	1.059	ng		93
14) 1,2-Dichlorobenzene	6.93	146	8837	1.066	ng		95
15) Benzyl Alcohol	6.92	79	6435	0.915	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.04	45	13387	1.001	ng	#	28
17) 2-Methylphenol	7.03	107	6902	1.010	ng	#	86
18) Hexachloroethane	7.27	117	3700	1.148	ng		98
19) n-Nitroso-di-n-propylamine	7.17	70	9331	1.564	ng		96
20) 3+4-Methylphenols	7.19	107	8136	0.991	ng	#	72
22) Acetophenone	7.16	105	24074m	2.264	ng		
24) Nitrobenzene	7.35	77	9055	1.073	ng	#	86
25) Isophorone	7.58	82	18561	1.181	ng	#	87
26) 2-Nitrophenol	7.67	139	4134m	3.544	ng		
27) 2,4-Dimethylphenol	7.71	122	6923	0.987	ng		96
28) bis(2-Chloroethoxy)methane	7.80	93	10752	1.105	ng	#	75
29) 2,4-Dichlorophenol	7.93	162	5023	0.786	ng		90
30) 1,2,4-Trichlorobenzene	7.99	180	6842	1.017	ng		95
31) Naphthalene	8.07	128	33534	1.516	ng	#	96
33) 4-Chloroaniline	8.13	127	7934	0.827	ng		95
34) Hexachlorobutadiene	8.18	225	4116	1.042	ng		96
35) Caprolactam	8.47	113	8455m	3.975	ng		
36) 4-Chloro-3-methylphenol	8.62	107	5604	0.814	ng		96
37) 2-Methylnaphthalene	8.76	142	38130	2.630	ng		100
38) 1-Methylnaphthalene	8.86	142	31972m	2.370	ng		
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	6285	1.074	ng	#	87
43) 2,4,6-Trichlorophenol	9.05	196	3267	0.819	ng		92

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Quant Time: Oct 07 09:16:34 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)
44) 2,4,5-Trichlorophenol	9.10	196	3331	0.790	ng	#	1
46) 1,1'-Biphenyl	9.22	154	20104	1.341	ng		100
47) 2-Chloronaphthalene	9.25	162	13248	1.121	ng		93
48) 2-Nitroaniline	9.35	65	4676	1.273	ng	#	80
49) Acenaphthylene	9.66	152	21108	1.163	ng	#	91
50) Dimethylphthalate	9.52	163	20311	1.496	ng	#	98
51) 2,6-Dinitrotoluene	9.59	165	2663	0.921	ng		95
52) Acenaphthene	9.83	154	13588	1.185	ng		97
53) 3-Nitroaniline	9.76	138	4488	1.340	ng	#	95
55) Dibenzofuran	10.00	168	19619	1.215	ng	#	86
56) 4-Nitrophenol	9.90	139	1192	0.446	ng	#	36
57) 2,4-Dinitrotoluene	10.00	165	3275	0.900	ng	#	78
58) Fluorene	10.35	166	17863	1.447	ng		95
59) 2,3,4,6-Tetrachlorophenol	10.14	232	1969	0.575	ng	#	6
60) Diethylphthalate	10.22	149	14070	1.063	ng		94
61) 4-Chlorophenyl-phenylether	10.34	204	6491	1.097	ng		93
62) 4-Nitroaniline	10.38	138	2071	0.623	ng	#	68
63) Azobenzene	10.50	77	13505	0.958	ng		86
66) n-Nitrosodiphenylamine	10.46	169	20989	2.090	ng	#	89
67) 4-Bromophenyl-phenylether	10.83	248	3718	1.116	ng	#	82
68) Hexachlorobenzene	10.90	284	3526	0.937	ng	#	90
69) Atrazine	10.98	200	3440	1.379	ng		92
70) Pentachlorophenol	11.12	266	360	0.174	ng	#	18
71) Phenanthrene	11.30	178	27202	1.706	ng		97
72) Anthracene	11.36	178	19330	1.174	ng		98
73) Carbazole	11.52	167	15396	1.037	ng		94
74) Di-n-butylphthalate	11.85	149	21122	1.232	ng		99
75) Fluoranthene	12.49	202	22670	1.331	ng		99
77) Benzidine	12.63	184	4739	0.489	ng	#	75
78) Pyrene	12.72	202	26470	1.239	ng		97
80) Butylbenzylphthalate	13.34	149	7925	0.917	ng		99
81) Benzo(a)anthracene	13.91	228	23692	1.281	ng		98
82) 3,3'-Dichlorobenzidine	13.87	252	7099	0.983	ng	#	97
83) Chrysene	13.94	228	22935	1.225	ng		97
84) Bis(2-ethylhexyl)phthalate	13.90	149	11988	1.039	ng	#	84
85) Di-n-octyl phthalate	14.51	149	21669	1.064	ng	#	66
87) Indeno(1,2,3-cd)pyrene	16.77	276	22174	1.132	ng	#	82
88) Benzo(b)fluoranthene	14.94	252	22910	1.140	ng	#	83
89) Benzo(k)fluoranthene	14.97	252	21599	1.173	ng	#	62
90) Benzo(a)pyrene	15.30	252	20569	1.204	ng	#	86
91) Dibenzo(a,h)anthracene	16.79	278	18180	1.115	ng		95
92) Benzo(g,h,i)perylene	17.20	276	18561	1.158	ng		93

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

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