Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121420\
Data File : BF122709.D
Acq On : 14 Dec 2020 16:52
Operator : JU/CG
Sample : L5066-05MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JBD-BOLLARDS-0-6MS

Manual Integrations APPROVED
mohammad
12/17/2020 9:46:54 AM

Quant Time: Dec 14 23:52:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	139435	20.00	ng		0.00
21) Naphthalene-d8	8.151	136	298584	20.00	ng		# 0.02
39) Acenaphthene-d10	9.933	164	141563	20.00	ng		0.05
64) Phenanthrene-d10	11.380	188	441256	20.00	ng		# 0.01
76) Chrysene-d12	14.015	240	311647	20.00	ng		# 0.00
86) Perylene-d12	15.486	264	360966	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	1104636	125.42	ng		0.00
7) Phenol-d6	6.481	99	1377872	117.96	ng		0.00
23) Nitrobenzene-d5	7.416	82	736047	123.51	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	293895	158.60	ng		0.03
45) 2-Fluorobiphenyl	9.245	172	706680	67.52	ng		0.04
79) Terphenyl-d14	12.957	244	1163170	65.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.593	88	148574	35.89	ng		98
3) Pyridine	3.345	79	440523	40.26	ng		98
4) n-Nitrosodimethylamine	3.293	42	186973	42.61	ng		99
6) Aniline	6.504	93	249384	18.14	ng	#	80
8) 2-Chlorophenol	6.634	128	431388	44.44	ng		98
9) Benzaldehyde	6.392	77	199400	28.20	ng		94
10) Phenol	6.492	94	610690	50.45	ng		93
11) bis(2-Chloroethyl)ether	6.581	93	403705	43.66	ng		96
12) 1,3-Dichlorobenzene	6.786	146	455497	39.66	ng		98
13) 1,4-Dichlorobenzene	6.863	146	384226	33.17	ng	#	89
14) 1,2-Dichlorobenzene	7.022	146	374604	33.51	ng	#	60
15) Benzyl Alcohol	6.992	79	292494	36.37	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.133	45	352521	26.73	ng	#	8
17) 2-Methylphenol	7.104	107	298736	38.71	ng	#	85
18) Hexachloroethane	7.369	117	277095	67.13	ng	#	1
19) n-Nitroso-di-n-propyla...	7.269	70	335092	50.08	ng	#	93
20) 3+4-Methylphenols	7.263	107	348654	35.76	ng	#	79
22) Acetophenone	7.263	105	518786	69.88	ng	#	82
24) Nitrobenzene	7.439	77	463596	78.20	ng	#	93
25) Isophorone	7.681	82	694963	67.71	ng	#	33
26) 2-Nitrophenol	7.757	139	78119	27.02	ng	#	1
27) 2,4-Dimethylphenol	7.798	122	259137	61.15	ng		85
28) bis(2-Chloroethoxy)met...	7.886	93	290998	41.40	ng	#	1
29) 2,4-Dichlorophenol	8.016	162	261601	52.86	ng	#	75
30) 1,2,4-Trichlorobenzene	8.098	180	253170	45.15	ng		98
31) Naphthalene	8.186	128	1169330	70.97	ng	#	83
32) Benzoic acid	7.928	122	33725	9.99	ng	#	1
33) 4-Chloroaniline	8.192	127	353005m	51.25	ng		
34) Hexachlorobutadiene	8.310	225	143116	41.47	ng		99
35) Caprolactam	8.622	113	480001	322.01	ng	#	1
36) 4-Chloro-3-methylphenol	8.710	107	219758	45.08	ng	#	73
37) 2-Methylnaphthalene	8.898	142	1489041	136.62	ng		94
38) 1-Methylnaphthalene	8.998	142	1306456	126.71	ng	#	97
40) 1,2,4,5-Tetrachloroben...	9.069	216	187730	40.04	ng	#	91
41) Hexachlorocyclopentadiene	9.045	237	39248	18.93	ng		96
43) 2,4,6-Trichlorophenol	9.169	196	125170	38.65	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	83757	25.02	ng	#	1
46) 1,1'-Biphenyl	9.351	154	383147	32.61	ng		96
47) 2-Chloronaphthalene	9.380	162	295458	30.35	ng	#	80
48) 2-Nitroaniline	9.457	65	141922	50.01	ng	#	77
49) Acenaphthylene	9.804	152	586307	40.78	ng	#	83
50) Dimethylphthalate	9.633	163	384350	34.00	ng	#	86
51) 2,6-Dinitrotoluene	9.710	165	125367	52.50	ng		94
52) Acenaphthene	9.969	154	349972	37.62	ng	#	89
53) 3-Nitroaniline	9.863	138	93761m	33.98	ng		
55) Dibenzofuran	10.139	168	583673	44.61	ng	#	68
56) 4-Nitrophenol	10.022	139	188063	95.59	ng	#	31
57) 2,4-Dinitrotoluene	10.110	165	137728	43.30	ng	#	86
58) Fluorene	10.474	166	621987	59.76	ng	#	90
59) 2,3,4,6-Tetrachlorophenol	10.257	232	94070	31.99	ng	#	1
60) Diethylphthalate	10.327	149	461998	42.01	ng		94
61) 4-Chlorophenyl-phenyle...	10.457	204	244902	47.79	ng	#	86
62) 4-Nitroaniline	10.469	138	103004	36.78	ng		85
63) Azobenzene	10.616	77	522698	51.71	ng	#	76
66) n-Nitrosodiphenylamine	10.563	169	600273	38.50	ng		92
67) 4-Bromophenyl-phenylether	10.933	248	206519	34.54	ng		91
68) Hexachlorobenzene	11.016	284	236680	35.81	ng		97
69) Atrazine	11.086	200	194213	38.36	ng		95
70) Pentachlorophenol	11.198	266	185551	52.98	ng		100
71) Phenanthrene	11.410	178	1512276	57.67	ng		98
72) Anthracene	11.463	178	1080556	41.55	ng		98
73) Carbazole	11.610	167	924382	39.20	ng		97
74) Di-n-butylphthalate	11.933	149	1154042	38.94	ng		100
75) Fluoranthene	12.592	202	1256572	45.69	ng		98
78) Pyrene	12.821	202	1283080	53.25	ng		100
80) Butylbenzylphthalate	13.427	149	408617	37.65	ng		98
81) Benzo(a)anthracene	14.010	228	989009	47.49	ng		99
82) 3,3'-Dichlorobenzidine	13.968	252	75646	10.14	ng	#	93
83) Chrysene	14.045	228	957076	46.18	ng		99
84) Bis(2-ethylhexyl)phtha...	13.992	149	556181	37.42	ng	#	100
85) Di-n-octyl phthalate	14.604	149	869088	35.25	ng	#	99
87) Indeno(1,2,3-cd)pyrene	16.968	276	1214143	51.24	ng		98
88) Benzo(b)fluoranthene	15.062	252	1052220m	41.55	ng		
89) Benzo(k)fluoranthene	15.092	252	937027	40.46	ng		98
90) Benzo(a)pyrene	15.433	252	966750	43.63	ng		97
91) Dibenzo(a,h)anthracene	16.980	278	906514	46.75	ng		99
92) Benzo(g,h,i)perylene	17.409	276	1027703	54.76	ng		99

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

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