Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
Data File : BF120740.D
Acq On : 29 Jun 2020 21:10
Operator : JU/CG
Sample : L3128-04MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
78-64MSD

Manual Integrations APPROVED
mohammad
6/30/2020 4:14:50 PM

Quant Time: Jun 30 02:16:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 15:30:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	54150	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	387505	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	85053	20.00	ng		0.04
64) Phenanthrene-d10	11.37	188	113467	20.00	ng		0.06
76) Chrysene-d12	13.99	240	267745	20.00	ng		0.03
86) Perylene-d12	15.42	264	366982	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	346039	109.56	ng		0.08
7) Phenol-d6	6.51	99	421763	107.21	ng		0.08
23) Nitrobenzene-d5	7.37	82	283743	40.93	ng		0.01
42) 2,4,6-Tribromophenol	10.66	330	120632	121.99	ng		0.05
45) 2-Fluorobiphenyl	9.16	172	962145	173.08	ng		0.01
79) Terphenyl-d14	12.95	244	734591	60.60	ng		0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	117502	78.494	ng		98
3) Pyridine	3.28	79	416462	98.965	ng		99
4) n-Nitrosodimethylamine	3.23	42	189382	108.441	ng		99
6) Aniline	6.47	93	169855	33.739	ng		99
8) 2-Chlorophenol	6.62	128	171886	48.159	ng		99
9) Benzaldehyde	6.35	77	65470	26.312	ng		98
10) Phenol	6.52	94	196365	46.785	ng		92
11) bis(2-Chloroethyl)ether	6.53	93	153299	43.850	ng		98
12) 1,3-Dichlorobenzene	6.74	146	182589	48.121	ng		97
13) 1,4-Dichlorobenzene	6.82	146	186940	49.934	ng		98
14) 1,2-Dichlorobenzene	6.97	146	171356	46.988	ng		96
15) Benzyl Alcohol	6.96	79	139706	50.078	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.07	45	196957	39.127	ng		100
17) 2-Methylphenol	7.10	107	135356	44.465	ng		96
18) Hexachloroethane	7.31	117	56777	41.158	ng		98
19) n-Nitroso-di-n-propylamine	7.22	70	112441	49.276	ng		99
20) 3+4-Methylphenols	7.26	107	179589	47.211	ng	#	62
22) Acetophenone	7.21	105	231645	26.738	ng	#	91
24) Nitrobenzene	7.39	77	249713	34.421	ng		97
25) Isophorone	7.63	82	599437	44.389	ng		97
26) 2-Nitrophenol	7.70	139	147512	38.435	ng		99
27) 2,4-Dimethylphenol	7.77	122	285598	50.539	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	378689	48.376	ng		99
29) 2,4-Dichlorophenol	7.97	162	277145	48.248	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	314296	49.373	ng		98
31) Naphthalene	8.10	128	1065394	55.991	ng		100
32) Benzoic acid	7.91	122	205395	47.372	ng		98
33) 4-Chloroaniline	8.17	127	288582	33.043	ng		99
34) Hexachlorobutadiene	8.22	225	174153	46.933	ng		100
35) Caprolactam	8.57	113	101645m	55.327	ng		
36) 4-Chloro-3-methylphenol	8.69	107	289945	50.523	ng		97
37) 2-Methylnaphthalene	8.80	142	673147	54.192	ng		98
38) 1-Methylnaphthalene	8.90	142	725436	62.065	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	357284	140.684	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
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QLast Update : Mon Jun 29 15:30:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	65249	45.849	ng		100
43) 2,4,6-Trichlorophenol	9.10	196	183431	101.821	ng		98
44) 2,4,5-Trichlorophenol	9.16	196	167612	82.008	ng	#	83
46) 1,1'-Biphenyl	9.27	154	820146	129.137	ng		98
47) 2-Chloronaphthalene	9.29	162	621397	119.651	ng		96
48) 2-Nitroaniline	9.40	65	158815	97.367	ng		91
49) Acenaphthylene	9.72	152	766201	95.595	ng	#	86
50) Dimethylphthalate	9.57	163	620188	101.246	ng	#	94
51) 2,6-Dinitrotoluene	9.63	165	180816	130.250	ng		91
52) Acenaphthene	9.89	154	241421	50.504	ng		95
53) 3-Nitroaniline	9.82	138	55001	32.986	ng	#	91
54) 2,4-Dinitrophenol	9.94	184	1895	5.300	ng	#	1
55) Dibenzofuran	10.07	168	361073	49.262	ng	#	90
56) 4-Nitrophenol	10.03	139	95007	75.655	ng	#	33
57) 2,4-Dinitrotoluene	10.05	165	76745	41.662	ng	#	93
58) Fluorene	10.42	166	268893	47.589	ng		88
59) 2,3,4,6-Tetrachlorophenol	10.20	232	64287	39.980	ng	#	75
60) Diethylphthalate	10.28	149	288728	47.858	ng	#	87
61) 4-Chlorophenyl-phenylether	10.40	204	139786	47.906	ng	#	80
62) 4-Nitroaniline	10.43	138	57041	34.459	ng	#	70
63) Azobenzene	10.56	77	250885	45.813	ng		86
65) 4,6-Dinitro-2-methylphenol	10.46	198	3260	4.788	ng	#	1
66) n-Nitrosodiphenylamine	10.52	169	226493	65.000	ng		99
67) 4-Bromophenyl-phenylether	10.89	248	97670	75.845	ng	#	65
68) Hexachlorobenzene	10.99	284	87638	63.298	ng	#	54
69) Atrazine	11.09	200	69673	64.616	ng	#	26
70) Pentachlorophenol	11.19	266	51496	66.900	ng		96
71) Phenanthrene	11.40	178	346085	61.358	ng	#	79
72) Anthracene	11.45	178	312818	55.021	ng	#	83
73) Carbazole	11.60	167	276078	49.055	ng	#	81
74) Di-n-butylphthalate	11.92	149	362718	57.327	ng	#	90
75) Fluoranthene	12.59	202	565393	87.673	ng		94
77) Benzidine	12.70	184	120810	13.342	ng	#	48
78) Pyrene	12.82	202	585266	30.856	ng		96
80) Butylbenzylphthalate	13.41	149	269921	32.048	ng		90
81) Benzo(a)anthracene	13.98	228	922997	57.379	ng		99
82) 3,3'-Dichlorobenzidine	13.94	252	205953	33.520	ng		98
83) Chrysene	14.02	228	901343	54.626	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	562884	54.761	ng		98
85) Di-n-octyl phthalate	14.56	149	1137718	57.997	ng		100
87) Indeno(1,2,3-cd)pyrene	16.86	276	499370	22.370	ng		97
88) Benzo(b)fluoranthene	15.00	252	1244079	56.910	ng		99
89) Benzo(k)fluoranthene	15.03	252	992447	51.307	ng		98
90) Benzo(a)pyrene	15.36	252	1056073	53.980	ng		99
91) Dibenzo(a,h)anthracene	16.87	278	406028	22.682	ng		99
92) Benzo(g,h,i)perylene	17.29	276	387264	21.463	ng		97

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

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