Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051920\
Data File : BF120366.D
Acq On : 19 May 2020 16:15
Operator : MA/SJ
Sample : L2686-02MSD 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 19 16:51:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 19 13:17:29 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
VNJ-214MSD

Manual Integrations APPROVED
mohammad
5/20/2020 1:20:40 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	235697	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	1050222	20.00	ng		0.00
39) Acenaphthene-d10	9.65	164	346007	20.00	ng		0.00
64) Phenanthrene-d10	11.14	188	447588	20.00	ng		0.01
76) Chrysene-d12	13.77	240	406751	20.00	ng		0.00
87) Perylene-d12	15.16	264	458338	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	775603	64.03	ng		0.00
7) Phenol-d6	6.26	99	986996	64.43	ng		0.00
23) Nitrobenzene-d5	7.16	82	588817	38.39	ng		-0.01
42) 2,4,6-Tribromophenol	10.44	330	168155	59.60	ng		0.01
45) 2-Fluorobiphenyl	8.96	172	1077341	63.97	ng		0.00
79) Terphenyl-d14	12.73	244	661864	35.95	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.15	88	70647	14.66	ng		100
3) Pyridine	2.83	79	166736	11.01	ng		97
4) n-Nitrosodimethylamine	2.76	42	103473	17.45	ng	#	92
6) Aniline	6.29	93	228773	11.68	ng		91
8) 2-Chlorophenol	6.39	128	273468	19.36	ng		98
9) Benzaldehyde	6.14	77	152864	16.19	ng		95
10) Phenol	6.27	94	343708	19.22	ng	#	76
11) bis(2-Chloroethyl)ether	6.33	93	257552	18.03	ng		99
12) 1,3-Dichlorobenzene	6.53	146	268560	17.77	ng		97
13) 1,4-Dichlorobenzene	6.61	146	274882	17.66	ng		99
14) 1,2-Dichlorobenzene	6.76	146	257861	18.40	ng		100
15) Benzyl Alcohol	6.75	79	212659	19.54	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.88	45	439133	19.51	ng		84
17) 2-Methylphenol	6.87	107	206432	17.31	ng		94
18) Hexachloroethane	7.10	117	96798	16.32	ng		95
19) n-Nitroso-di-n-propylamine	7.02	70	183220	18.26	ng		91
20) 3+4-Methylphenols	7.03	107	273066	17.61	ng		97
22) Acetophenone	7.01	105	370212	17.21	ng		97
24) Nitrobenzene	7.18	77	270363	16.38	ng		93
25) Isophorone	7.42	82	578638	18.13	ng		98
26) 2-Nitrophenol	7.50	139	159355	18.46	ng		98
27) 2,4-Dimethylphenol	7.55	122	257851	20.53	ng		98
28) bis(2-Chloroethoxy)methane	7.64	93	371853	18.54	ng		98
29) 2,4-Dichlorophenol	7.76	162	239905	18.60	ng		98
30) 1,2,4-Trichlorobenzene	7.83	180	262059	18.33	ng		98
31) Naphthalene	7.90	128	872739	19.69	ng		98
32) Benzoic acid	7.67	122	112526	13.67	ng		98
33) 4-Chloroaniline	7.97	127	222556	11.02	ng		99
34) Hexachlorobutadiene	8.02	225	145147	17.57	ng		95
35) Caprolactam	8.32	113	76616	18.16	ng		96
36) 4-Chloro-3-methylphenol	8.46	107	245775	17.61	ng		96
37) 2-Methylnaphthalene	8.60	142	556551	18.35	ng		99
38) 1-Methylnaphthalene	8.69	142	484324	16.46	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.76	216	220094	25.23	ng		98

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Quant Time: May 19 16:51:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 19 13:17:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	22466	12.35	ng		97
43) 2,4,6-Trichlorophenol	8.89	196	138167	23.59	ng		98
44) 2,4,5-Trichlorophenol	8.93	196	147244	21.89	ng	#	93
46) 1,1'-Biphenyl	9.06	154	574939	25.36	ng		98
47) 2-Chloronaphthalene	9.09	162	418959	23.04	ng		97
48) 2-Nitroaniline	9.19	65	152486	22.98	ng		93
49) Acenaphthylene	9.50	152	736910	26.53	ng		96
50) Dimethylphthalate	9.37	163	649655	29.70	ng		97
51) 2,6-Dinitrotoluene	9.43	165	130765	26.79	ng	#	85
52) Acenaphthene	9.67	154	322380	19.36	ng		98
53) 3-Nitroaniline	9.60	138	102287	17.57	ng	#	86
54) 2,4-Dinitrophenol	9.72	184	28464	12.35	ng	#	63
55) Dibenzofuran	9.85	168	458538	19.12	ng		96
56) 4-Nitrophenol	9.80	139	97660	31.22	ng	#	1
57) 2,4-Dinitrotoluene	9.85	165	91587	15.99	ng	#	80
58) Fluorene	10.20	166	360235	19.73	ng		92
59) 2,3,4,6-Tetrachlorophenol	9.98	232	72871	14.40	ng	#	91
60) Diethylphthalate	10.07	149	411621	19.49	ng	#	89
61) 4-Chlorophenyl-phenylether	10.19	204	185053	19.49	ng		94
62) 4-Nitroaniline	10.22	138	66999	12.36	ng	#	66
63) Azobenzene	10.36	77	394326	19.76	ng		90
65) 4,6-Dinitro-2-methylphenol	10.26	198	24580	10.86	ng	#	1
66) n-Nitrosodiphenylamine	10.31	169	316898	25.59	ng		98
67) 4-Bromophenyl-phenylether	10.69	248	119098	27.42	ng	#	88
68) Hexachlorobenzene	10.76	284	94041	20.70	ng	#	81
69) Atrazine	10.85	200	87512	23.62	ng	#	69
70) Pentachlorophenol	10.96	266	68117	35.25	ng		98
71) Phenanthrene	11.17	178	528932	28.12	ng	#	91
72) Anthracene	11.22	178	467353	23.21	ng	#	94
73) Carbazole	11.37	167	371126	19.73	ng	#	89
74) Di-n-butylphthalate	11.71	149	480601	21.20	ng	#	95
75) Fluoranthene	12.36	202	991458	49.18	ng		100
77) Benzidine	12.48	184	24337	2.05	ng	#	1
78) Pyrene	12.59	202	972932	33.55	ng		98
80) Butylbenzylphthalate	13.20	149	219620	16.08	ng		100
81) Benzo(a)anthracene	13.76	228	902180	42.05	ng		95
82) 3,3'-Dichlorobenzidine	13.73	252	94400	11.68	ng		97
83) Chrysene	13.80	228	848019	36.81	ng		98
84) Bis(2-ethylhexyl)phthalate	13.76	149	387683	22.82	ng		99
85) Di-n-octyl phthalate	14.37	149	554808	18.15	ng		99
86) Indeno(1,2,3-cd)pyrene	16.48	276	756366	36.18	ng		95
88) Benzo(b)fluoranthene	14.77	252	1075854	42.98	ng		99
89) Benzo(k)fluoranthene	14.80	252	661484m	30.50	ng		
90) Benzo(a)pyrene	15.10	252	831399	37.04	ng		99
91) Dibenzo(a,h)anthracene	16.49	278	444245	22.34	ng		100
92) Benzo(g,h,i)perylene	16.87	276	649441	32.38	ng		98

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

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