Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081120\
Data File : BF121241.D
Acq On : 11 Aug 2020 15:45
Operator : JU/CG
Sample : L3537-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JTY1-WC-S-BL-IBMS

Manual Integrations APPROVED

Quant Time: Aug 11 16:32:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)	
1) 1,4-Dichlorobenzene-d4	6.80	152	141533	20.00	ng		0.00	
21) Naphthalene-d8	8.08	136	559067	20.00	ng		0.00	
39) Acenaphthene-d10	9.83	164	293429	20.00	ng		0.00	
64) Phenanthrene-d10	11.32	188	574350	20.00	ng		0.00	
76) Chrysene-d12	13.97	240	477941	20.00	ng		0.01	
86) Perylene-d12	15.42	264	366626	20.00	ng		0.02	mohammad
System Monitoring Compounds								
5) 2-Fluorophenol	5.43	112	927158	107.39	ng		0.02	
7) Phenol-d6	6.45	99	1082343	97.05	ng		0.00	
23) Nitrobenzene-d5	7.36	82	768643	79.55	ng		-0.01	8/12/2020 1:47:35 PM
42) 2,4,6-Tribromophenol	10.63	330	359599	111.96	ng		0.00	
45) 2-Fluorobiphenyl	9.16	172	1370786	69.75	ng		0.00	
79) Terphenyl-d14	12.91	244	1471202	66.91	ng		0.00	
Target Compounds							Qvalue	
2) 1,4-Dioxane	2.73	88	145379	36.588	ng	#	86	
4) n-Nitrosodimethylamine	3.34	42	183985	40.706	ng		96	
8) 2-Chlorophenol	6.59	128	433053	45.532	ng		99	
9) Benzaldehyde	6.35	77	252910	49.970	ng		99	
10) Phenol	6.46	94	465725	37.963	ng		85	
11) bis(2-Chloroethyl)ether	6.53	93	402524	42.813	ng		98	
12) 1,3-Dichlorobenzene	6.74	146	399820	38.768	ng		100	
13) 1,4-Dichlorobenzene	6.82	146	406539	39.643	ng		99	
14) 1,2-Dichlorobenzene	6.97	146	393657	40.576	ng		98	
15) Benzyl Alcohol	6.95	79	236704	30.013	ng		98	
16) 2,2'-oxybis(1-Chloropropan	7.07	45	543345	40.095	ng		92	
17) 2-Methylphenol	7.06	107	343206	40.714	ng		97	
18) Hexachloroethane	7.30	117	148267	39.946	ng		98	
19) n-Nitroso-di-n-propylamine	7.22	70	260149	41.023	ng		97	
20) 3+4-Methylphenols	7.22	107	400866	37.382	ng		93	
22) Acetophenone	7.21	105	537458	42.835	ng	#	97	
24) Nitrobenzene	7.38	77	432435	41.526	ng		96	
25) Isophorone	7.62	82	791311	41.037	ng		97	
26) 2-Nitrophenol	7.70	139	232902	47.091	ng		99	
27) 2,4-Dimethylphenol	7.74	122	376335	46.866	ng		99	
28) bis(2-Chloroethoxy)methane	7.83	93	478847	40.681	ng		99	
29) 2,4-Dichlorophenol	7.95	162	364980	44.480	ng		99	
30) 1,2,4-Trichlorobenzene	8.02	180	368377	40.465	ng		99	
31) Naphthalene	8.10	128	1157877	40.376	ng		100	
32) Benzoic acid	7.89	122	244223	40.516	ng		99	
33) 4-Chloroaniline	8.16	127	96484	7.542	ng		98	
34) Hexachlorobutadiene	8.22	225	206946	38.561	ng		99	
35) Caprolactam	8.54	113	85368m	32.443	ng			
36) 4-Chloro-3-methylphenol	8.65	107	380466	45.210	ng		99	
37) 2-Methylnaphthalene	8.79	142	802240	43.084	ng		99	
38) 1-Methylnaphthalene	8.89	142	754626	42.790	ng		100	
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	372144	43.529	ng		99	
41) Hexachlorocyclopentadiene	8.95	237	328508	69.525	ng		100	
43) 2,4,6-Trichlorophenol	9.07	196	265579	44.120	ng		98	

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.13	196	284713	41.698	ng		99
46) 1,1'-Biphenyl	9.26	154	975576	43.586	ng		99
47) 2-Chloronaphthalene	9.29	162	758386	41.558	ng		99
48) 2-Nitroaniline	9.39	65	244505	44.336	ng		98
49) Acenaphthylene	9.70	152	1178140	41.557	ng		100
50) Dimethylphthalate	9.56	163	943450	44.567	ng		100
51) 2,6-Dinitrotoluene	9.63	165	205596	45.206	ng		97
52) Acenaphthene	9.87	154	698627	38.761	ng		100
53) 3-Nitroaniline	9.79	138	92185	16.161	ng		93
54) 2,4-Dinitrophenol	9.91	184	210558	80.396	ng		93
55) Dibenzofuran	10.05	168	1047658	40.195	ng		98
56) 4-Nitrophenol	9.98	139	301943	69.686	ng		100
57) 2,4-Dinitrotoluene	10.03	165	263511	44.121	ng	#	87
58) Fluorene	10.39	166	805479	41.435	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	243793	46.894	ng		99
60) Diethylphthalate	10.26	149	904995	42.266	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	393846	37.985	ng		99
62) 4-Nitroaniline	10.42	138	175892	31.657	ng		99
63) Azobenzene	10.54	77	804639	39.473	ng		97
65) 4,6-Dinitro-2-methylphenol	10.45	198	152004	45.910	ng		98
66) n-Nitrosodiphenylamine	10.50	169	522192	28.902	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	264417	41.292	ng		95
68) Hexachlorobenzene	10.94	284	300258	43.346	ng		99
69) Atrazine	11.02	200	43011	9.612	ng		98
70) Pentachlorophenol	11.14	266	336321	84.751	ng		99
71) Phenanthrene	11.35	178	1225251	41.479	ng		100
72) Anthracene	11.40	178	1262601	42.567	ng		100
73) Carbazole	11.56	167	906114	30.782	ng		100
74) Di-n-butylphthalate	11.89	149	1388564	40.877	ng		99
75) Fluoranthene	12.54	202	1393192	42.551	ng		98
78) Pyrene	12.77	202	1435249	42.475	ng		99
80) Butylbenzylphthalate	13.39	149	637345	42.311	ng		98
81) Benzo(a)anthracene	13.96	228	1312170	45.338	ng		100
82) 3,3'-Dichlorobenzidine	13.92	252	26467	2.424	ng		99
83) Chrysene	14.00	228	1257196	41.335	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	840314	45.239	ng		100
85) Di-n-octyl phthalate	14.56	149	1507522	40.793	ng		99
87) Indeno(1,2,3-cd)pyrene	16.87	276	1424733	55.877	ng		100
88) Benzo(b)fluoranthene	15.00	252	1350004	60.917	ng		99
89) Benzo(k)fluoranthene	15.03	252	1247823	61.740	ng		99
90) Benzo(a)pyrene	15.36	252	1160223	57.383	ng		100
91) Dibenzo(a,h)anthracene	16.88	278	1215373	58.354	ng		99
92) Benzo(g,h,i)perylene	17.30	276	1195261	58.203	ng		99

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

mohammad 8/12/2020 1:47:35 PM

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